MATHEMATICS

Bonus

Math Word Problems, 3-5

GRADES 3-5

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NAME: ______________________________

Activity One

1a) Joanie, Rene and Marcel went to the amusement park for the day. Rene is only 8 years old so her admission ticket price was half of her friends'. If Joanie and Marcel each paid $6.50 to enter the amusement park, what did Rene pay? Circle the correct answer.

i) $3.25 ii) $3.50 iii) $3.75 iv) $3.15

b) At the hot dog stand the three friends each bought the following: 1 hot dog at $1.50 each; 1 soda at $1.25 each; and 1 cotton candy at $2.00 each. What was the total amount paid by the three friends for their food?

i) $16.25 ii) $15.50 iii) $13.75 iv) $14.25

c) At the game booth, altogether the three friends won the following tokens:

☺ ☺

Seven tokens are needed to win a large stuffed panda bear. Did the three friends have enough tokens for each of them to win stuffed pandas?

○ Yes ○ No

Explain Your Answer

____

____

____

d) The Wild Mouse is one roller coaster that all three friends wanted to ride. Altogether the friends had put aside $10.00 to ride the Wild Mouse. If the ride cost $1.00 per ride per person, how many times could each of them go on it?

i) 4 ii) 3 iii) 2 iv) 5

NAME: ______________________________

Activity Two

2a) A man has to be at work by 8:00 a.m. It takes him 10 minutes to get dressed, 10 minutes to shower, 15 minutes to eat breakfast, and 20 minutes to walk to work. What is the latest time he needs to get up so that he can get to work on time? Circle the correct answer.

i) 7:10 a.m.   ii) 7:15 a.m.   iii) 7:05 a.m.   iv) 7:00 a.m.

b) The Peterborough Petes hockey club sold 1232 season tickets in Year One. In Year Two they sold 125 more than in Year One. In Year Three they sold a total of 2001 season tickets. How many season tickets were sold in the three years?

i) 4678   ii) 3987   iii) 4590   iv) 4370

c) Jerry's dad planted 14 azaleas. All but four were killed by a late frost. How many are left?

Answer: __________

d) Lindee mailed three packages to friends who were away at summer camp. The cost of postage for the first two was $2.25 each; the third was $4.27. How much was the total cost in postage?

i) $8.77   ii) $7.89   iii) $8.98   iv) $9.76

e) How much change would Lindee receive from a $10.00 bill?

Answer: __________

f) How many different combinations of U.S. coins can you use to make .16¢?

i) 6   ii) 5   iii) 8   iv) 7

Activity Three

3a) Kevin has a summer job working for Summerside Orchards picking apples. The orchard has 130 apple trees with about 60 apples on each tree. Kevin thinks that he can pick all of the apples during his 40 hour work week. How many apples does Kevin expect to pick in total?

Answer: __________

b) How many apples will he have to pick per hour to finish by the end of the week? Circle the correct answer.

i) 320   ii) 210   iii) 195   iv) 515

c) Emily bought two Frisbees for $2.50 each and a rubber ball for .75¢. How much did she spend?

Answer: __________

d) Jeremy has several quarters, two dimes and a penny in his pocket. He knows that the total amount of money he has is $2.46. How many quarters does Jeremy have in his pocket?

i) 8   ii) 6   iii) 10   iv) 9

e) Mrs. Sanfred has 7 guinea pigs and 8 white mice in her classroom. Which of the following fractions represents the ratio of white mice to guinea pigs?

i) $^{8}/_{7}$ ii) $^{7}/_{8}$ iii) $^{16}/_{7}$ iv) $^{8}/_{14}$

f) Which rule describes this number pattern?

21, 29, 37, 45 …

i) subtract 7 to get the next number
ii) add 8 to get the next number
iii) multiply by 2 to get the next number
iv) divide by 2 to get the next number

Activity Four

4a) Jacob's school is planning a trip to the Science Center on Friday. 275 students and 35 adults will be going on the trip. If a school bus holds a maximum of 50 people, how many buses will be needed?

Answer: __________

b) Adam's school is raising money for new playground equipment. 287 families in the community donated money toward this project. If each family donated an average of $7.50, how much money was raised?

Answer: __________

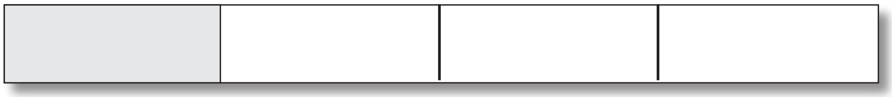
c) Kaleigh's mother planted her flower garden this week. If she planted 112 seeds and half were tulips, how many tulip seeds did she plant?

Answer: __________

d) There are 18 pupils in Samuel's karate class. For every four boys there are two girls. How many girls are in the class? How many boys?

Girls: __________ Boys: __________

e) A school has 500 students. Each of the four portions of the diagram below shows 25% of the student population. The shaded portion of the diagram shows the students who take a bus to school.



How many students take a bus to school? Circle the correct answer.

i) 125 ii) 100 iii) 150 iv) 140

NAME: ______________________________

Activity Five

5a) In the imaginary country of Sram there are two villages, two towns and one city. The populations of these communities are listed in the chart below for the years 2005 and 2009.

COMMUNITY	2005	2009
Kickpot	148	210
Ransack	456	432
Play-doo	21	67
Boogerville	787	412
Gravydish	121	256

List the communities in order of size from least to greatest for both years:

2005	
2009	

b) Rachel and Maggi's mom gave them both a supply of pencils and erasers in September. They received a total of 42 pencils and 24 erasers. How many of each item would each girl receive if they were divided equally?

Pencils: __________ Erasers: __________

c) The menu in the school cafeteria has the following items for sale: Hamburgers - $3.00; Hotdogs - $2.50; French Fries - $2.00; Soda - $1.25; Popcorn - $0.50. You have been given $6.00 for lunch and must spend it all on three items. What three items would you buy?

Answer: ____

d) Jackie's stamp album contains 7 rows of 6 stamps per page. How many stamps are there on one page?

Answer: __________

NAME: ______________________________

Activity Six

6a) These two number sentences belong to a fact family:

- 6 + 4 = 10
- 10 – 4 = 6

Which of the following pairs of number sentences belong to the same fact family? Put a check mark **(✔)** beside the ones which are correct (more than one answer may be correct).

i)	6 + 9 = 15	○	v)	15 – 9 = 6	○
ii)	15 – 3 = 12	○	vi)	12 – 3 = 9	○
iii)	17 – 11 = 6	○	vii)	11 + 6 = 17	○
iv)	42 + 19 = 61	○	vii)	61 + 19 = 42	○

b) Subtract the following integers.

i) 12 – 9 = ___ ii) -14 – 12 = ___ iii) -3 + 4 = ___ iv) -9 - ___ = -4

c) Add the following fractions.

i) $^3/_5 + ^1/_5$ = ___ ii) $^1/_8 + ^6/_8$ = ___ iii) $^4/_7$ + ___ = $^6/_7$ iv) $^2/_3 + ^2/_3$ = ___

d) Write the following fractions in order from greatest to least.

- $^1/_2$ $^3/_4$ $^7/_8$ $^4/_3$ $^1/_5$

Answer: ______________________________

e) Give the correct percentages of the following number: 60

i	50%	
ii	25%	
iii	90%	

(these answers are for the 6 free bonus pages, see page 3 for download instructions)

1.

a) i) $3.25

b) iv) $14.25

c) Yes – they won a total of 22 tokens.

d) ii) 3

1A

2.

a) iii) 7:05 a.m.

b) iii) 4590

c) 4

d) i) $8.77

e) $1.23

f) i) 6

2A

3.

a) 7800

b) iii) 195

c) $5.75

d) iv) 9

e) i) 8/7

f) ii)

3A

4.

a) 7

b) $2152.50

c) 56

d) 6 girls, 12 boys

e) i) 125

4A

5.

a) 2005 – Play-doo, Gravydish, Kickpot, Ransack, Boogerville.

2009 – Play-doo, Kickpot, Gravydish, Boogerville, Ransack.

b) 21 pencils, 12 erasers

c) Hamburgers - $3.00;
Hot dogs - $2.50;
Popcorn - $0.50.

d) 42

5A

6.

a) i) 6 + 9 = 15
v) 15 – 9 = 6
iii) 17 – 11 = 6
vii) 11 + 6 = 17

b) i) 3
ii) -26
iii) 1
iv) -5

c) i) 4/5
ii) 7/8
iii) 2/7
iv) 4/3

d) 4/3, 7/8, ¾, ½, 1/5

e) 50% = 30; 25%=15; 90%=54

6A

NAME: ____________________________________

Activity One

1) Courtney has 4 boxes of colored pencils plus 6 more colored pencils. Each box has **P** pencils. An equation showing the total number of pencils she has would be **C = 4P + 6**

a) Find the number of pencils that Courtney has if P = 15

Show Your Work

Answer: ________________

b) Find the number of pencils that Courtney has if P = 12

Show Your Work

Answer: ________________

c) Two equations are shown below.

$x + 2 = 6$

$x + 2 + y = 9$

If these equations are true, what is the value of y?

Answer: ________________

NAME: ______________________________

Student Worksheet

Activity Two

2a) Which number, when placed in the box, makes the following number sentence true? (Remember your **order of operations**.)

$14 - 5 \times 2 + 12 \div 4 = \boxed{}$

Show Your Work

Answer: ________________

b) **Examine the input-output table shown below.**

Input	Output
4	10
5	13
6	16
7	19

Which of these rules describes this data?

i) Add 5, add 1

ii) Add 7, subtract 1

iii) Multiply by 2, add 2

iv) Multiply by 3, subtract 2

c) **The same number is added to each term in the following pattern to get the value for the next term. Below are the 6th, 7th and 8th numbers in this pattern.**

. . . 52, 57, 62 . . .

What are the 3rd, 4th and 5th numbers in this pattern?

i) 43, 46, 49

ii) 37, 42, 47

iii) 40, 44, 48

iv) 38, 43, 47

NAME: ______________________________

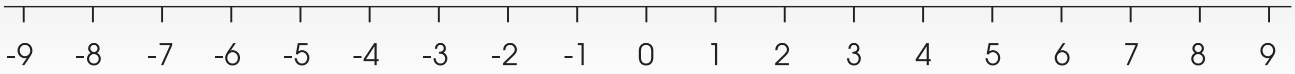
Activity Three

3a) Solve.

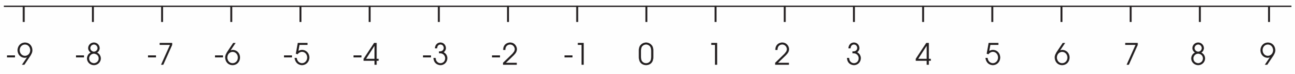
i) $2 + x = 6$ ii) $3x + 2 = 11$ iii) $4x - 2x + 6 - 1 = 11 + 2$

b) Graph each on the accompanying number line.

i) $a = -5$



ii) $b < 6$



c) Because this summer has been unusually hot, Isaac's parents decide to buy an air conditioner for his bedroom. The air conditioner costs $250. Each day that it runs it costs $2 in electricity. An expression showing the total cost would be $C = 250 + 2x$, where x represents the number of days the air conditioner runs.

i) How much would it cost the family if Isaac runs the air conditioner for 12 days?

____

____

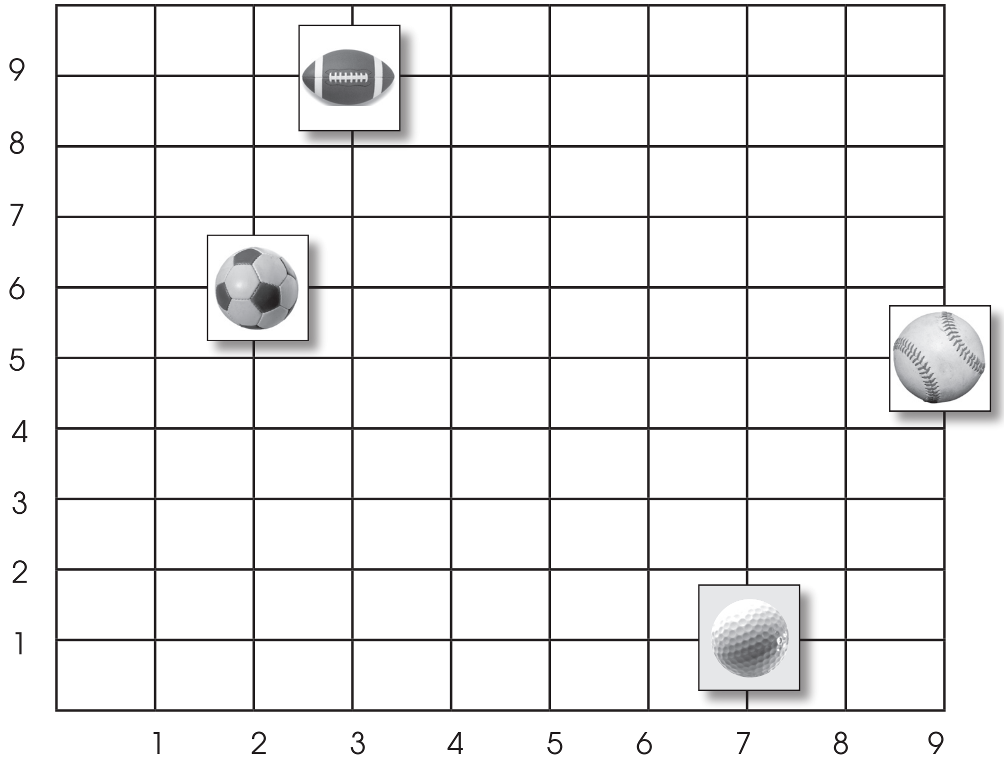
ii) How much would it cost the family if Isaac runs the air conditioner for 20 days?

____

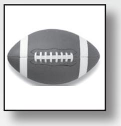
____

Activity Four

4a) Indicate the coordinates for the following objects.


9
8
7
6
5
4
3
2
1
1
2
3
4
5
6
7
8
9

Coordinates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____

____

____

NAME: ______________________________

Activity Five

5a) Which number best completes this pattern?

36, 33, 30, 27 …

i) 24 ii) 21 iii) 20 iv) 22

b) Look at the following three equations.

$x + 4 = 7$
$y + x = 5$
$y + x + z = 10$

What is the value of z?

Show Your Work

Answer: ____________________

c) Expand and simplify these expressions.

i) $2(3x - 2) - 2 =$

ii) $3(4y - 1) - 9 =$

iii) $1z(3 - 1) - 4 =$

Activity Six

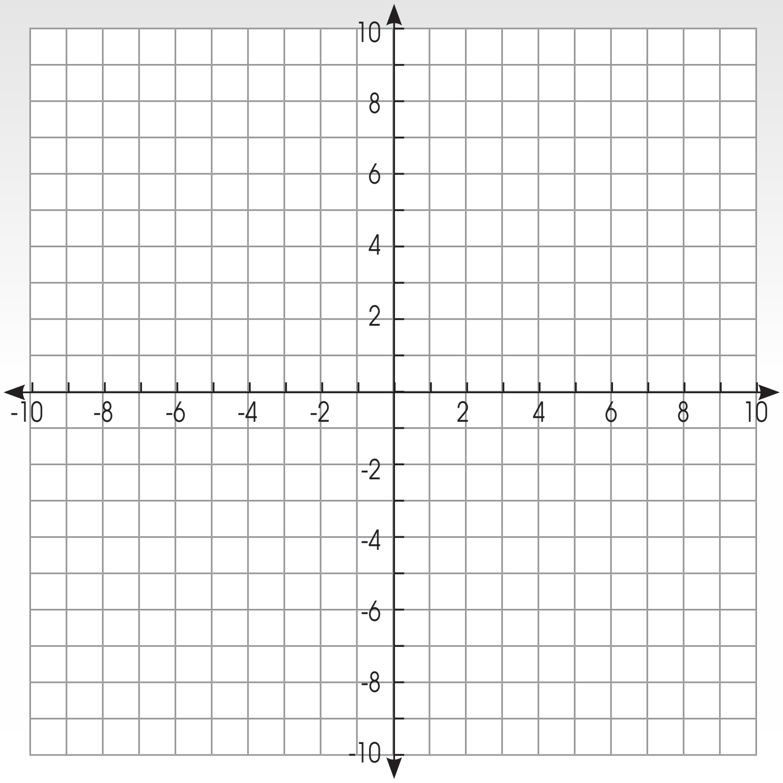
6a) Plot the following coordinates on the accompanying grid:

A = (6, 4)

B = (8, -7)

C = (-3, 10)

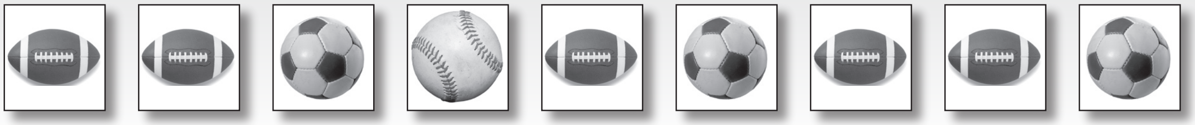
D = (-2, -9)

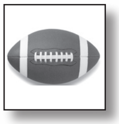


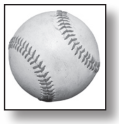
b) **Rachel types essays for college students. She charges a set fee of $10 per essay plus $2 per page. Which of the following equations show how much Rachel charges?**
(p=number of pages)

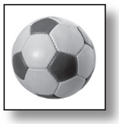
i) $C = 2 + 10 + p$ ii) $C = 2 + 10p$ iii) $C = 10 + 2p$ iv) $C = 2p + 10p$

c) **In the following pattern, what probably comes next?**



i) 

ii) 

iii) 

(these answers are for the 6 free bonus pages, see page 3 for download instructions)

1.

a) C = 4P + 6
C = 4(15) + 6
C = 60 + 6
C = 66

b) C = 4P + 6
C = 4(12) + 6
C = 48 + 6
C = 54

c) y = 3

1A

2.

a) 14 – 5 * 2 + 12 / 4 = 7

b) iv) Multiply by 3, subtract 2

c) ii) 37, 42, 47

2A

3.

a) i) x = 6 – 2
x = 4
ii) 3x = 11 – 2
3x = 9
x = 3
iii) 2x + 5 = 13
2x = 8
x = 4

b) i) Label -5 on the number line.
ii) Label all the numbers from – 9 to 5.

c) i) C = 250 + 2(12)
C = 250 + 24
C = $274
ii) C = 250 + 2(20)
C = 250 + 40
C = $290

3A

4.

3,9

2,6

9,5

7,1

4A

5.

a) i) 24

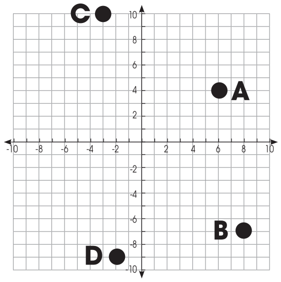
b) x + 4 = 7
~ x = 3
y + x = 5
~ y = 2
y + x + z = 10
~ z = 5

c) i) 6x – 4 – 2 =
6x = 6
x = 1
ii) 12y – 3 – 9 =
12y = 12
y = 1
iii) 3z – 1z – 4 =
2z = 4
z = 2

5A

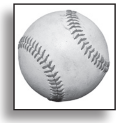
6.

a)



b) iii) C = 10 + 2p

c) ii)



6A

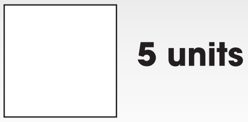
NAME: ______________________________

Activity One

1a) Write the formula for finding the area of a square or rectangle.

____

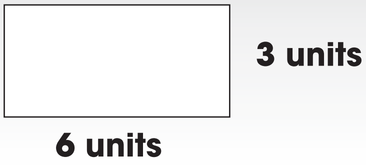
b) Find the area for the square.



____

____

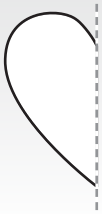
c) Find the area for the rectangle.

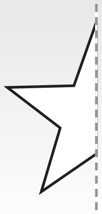


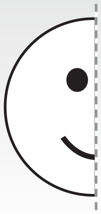
____

____

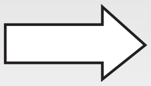
d) Draw the missing half of the shapes below to make each shape symmetrical.



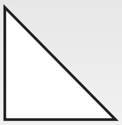




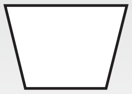
e) Transform each shape.



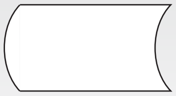
Turn



Flip

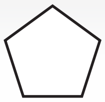


Slide

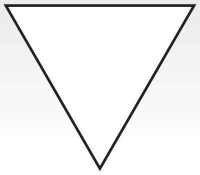


Turn

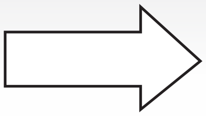
f) Resize each shape.



Larger



Smaller



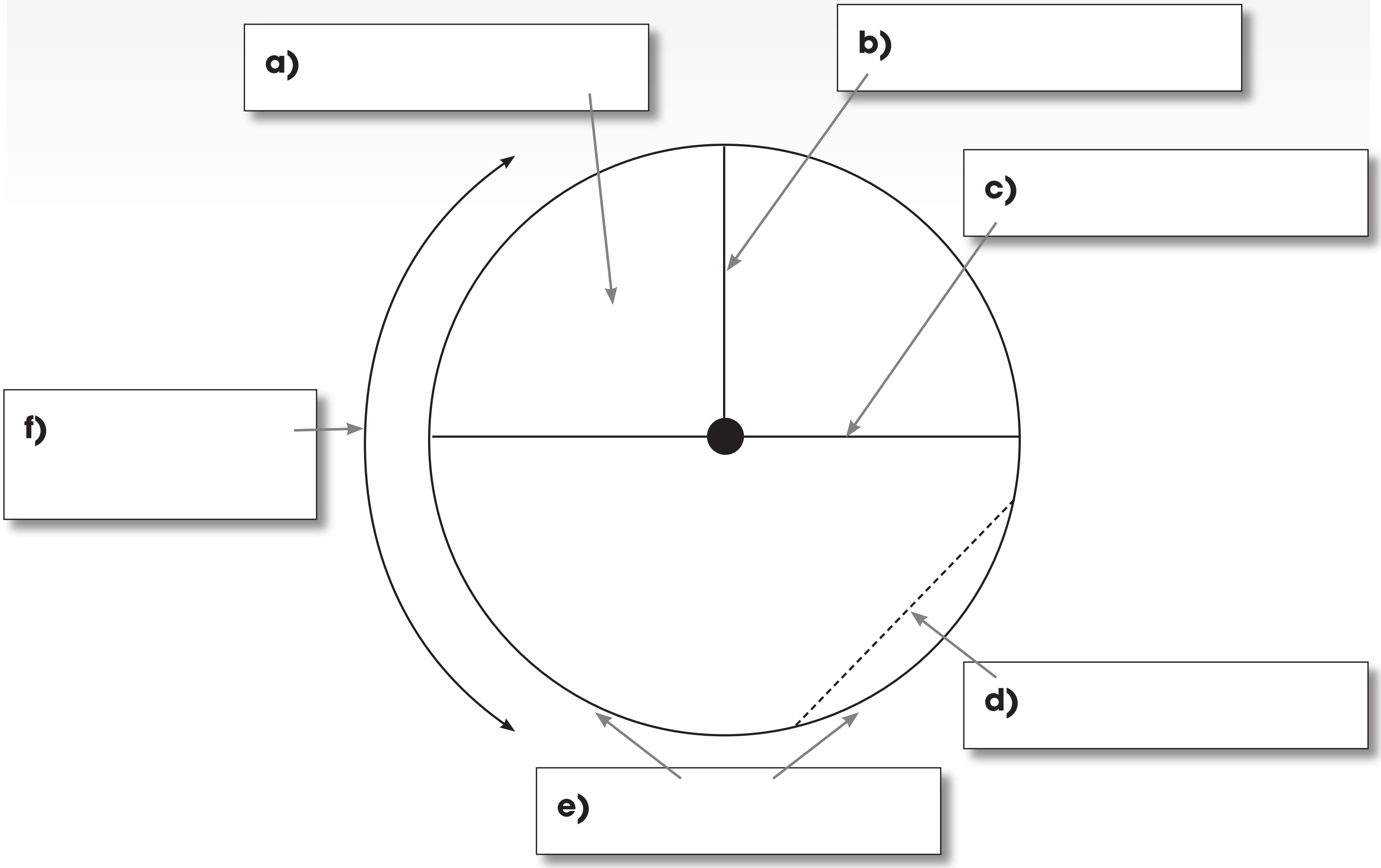
Smaller

Activity Two

2)
- **Radius:** the distance from the center of the circle to the edge
- **Circumference:** the distance around the circle
- **Diameter:** starts at one side, goes through the center, and ends at the other side (The diameter is twice the radius.)
- **Chord:** a line that goes from one point to another point on the circle's circumference
- **Arc:** a part of the circumference
- **Quadrant:** ¼ of the circle

Label the parts of the circle below using the words from the list.

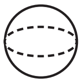
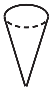
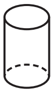
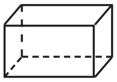
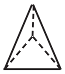
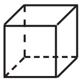
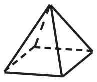
Arc	**Chord**	**Circumference**	**Diameter**	**Quadrant**	**Radius**



Activity Three

3) **Face:** a flat surface on a geometric solid
Edge: the line where two faces come together
Vertex (vertices): a point or corner on a shape where several faces (and edges) meet

Fill out the chart below with the correct data.

Shape		Faces	Edges	Vertices
Sphere				
Cone				
Cylinder				
Rectangular Prism				
Triangular Pyramid				
Cube				
Rectangular Pyramid				

Answer the questions below using the information in the chart above.

a) Which two shapes have the same numbers of faces, edges, and vertices?

b) Which shapes have at least one triangular face?

c) Which shapes have at least one circular face?

d) Which shapes do not have any edges or vertices?

e) Which shape does not have a face?

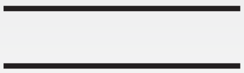
NAME: ______________________

Activity Four

4) **Parallel Lines:** two lines that never intersect and are the same distance apart
Perpendicular Lines: two lines that intersect and form a right angle (90 degrees) where they cross each other

Identify each pair of lines as either **parallel** or **perpendicular.**

a)



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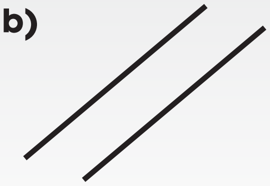
b)



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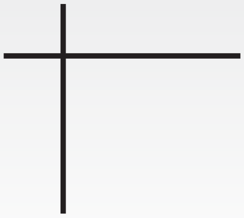
c)



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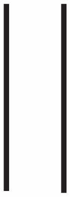
d)



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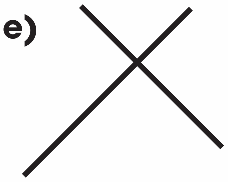
e)



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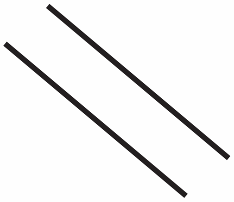
f)



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g) **Draw a pair of parallel lines.**

h) **Draw a pair of perpendicular lines.**

i) **Explain the difference between parallel lines and perpendicular lines.**

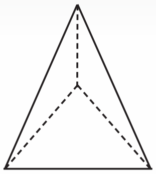
NAME: ______________________________

Activity Five

5) A pyramid is named after its base. Label each type of pyramid using the words in the box.

Hexagonal Pentagonal Octagonal Rectangular Triangular

a)



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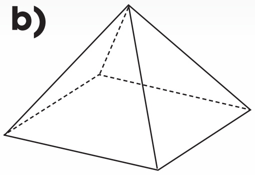
b)



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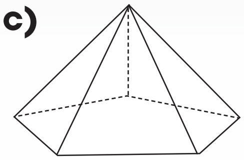
c)



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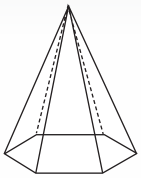
d)



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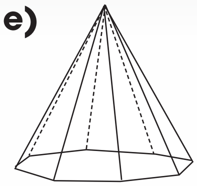
e)



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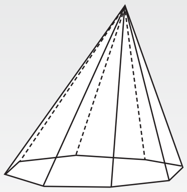
A pyramid can be **regular** or **irregular**. If the pyramid is made with a regular polygon (all sides the same length) then it is a regular pyramid. Label each type of pyramid as **regular** or **irregular**.

f)



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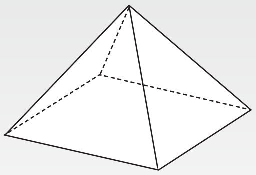
g)



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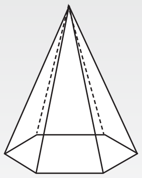
h)



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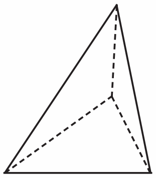
i)



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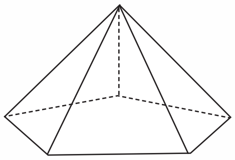
j)



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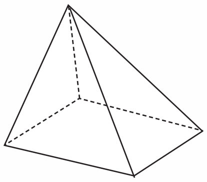
k)



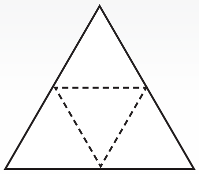
____

Activity Six

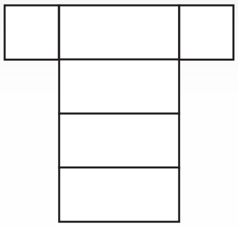
6) Look at each pattern below. Match the geometric solid from the word list to the pattern that will construct it.

Triangular Prism
Cube
Pentagonal Prism
Rectangular Prism
Cylinder
Rectangular Pyramid
Cone
Triangular Pyramid

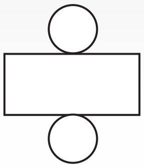
a)



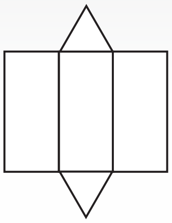
b)



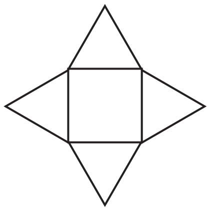
c)



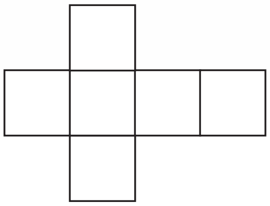
d)



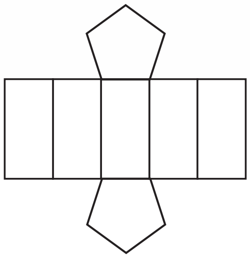
e)



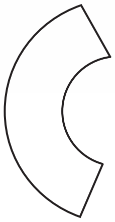
f)



g)



h)



Make a pattern for a pentagonal pyramid. Trace the pattern onto another piece of paper, cut the pattern out, and use tape to assemble it. Did the pattern make a pentagonal pyramid?

(these answers are for the 6 free bonus pages, see page 3 for download instructions)

1.

a) length x width = square units

b) 25 square units

c) 18 square units

d) The drawn half of the shape should be symmetrical to the original.

e) Each shape should be turned, flipped or slid.

f) Each shape should be bigger or smaller.

1A

2.

a) Quadrant

b) Radius

c) Diameter

d) Chord

e) Arc

f) Circumference

2A

3.

Shape	Faces	Edges	Vertices
Sphere	0	0	0
Cone	1	0	0
Cylinder	2	0	0
Rectangular Prism	6	12	8
Triangular Pyramid	4	6	4
Cube	6	12	8
Rectangular Pyramid	5	8	5

a) Cube and Rectangular Prism

b) Rectangular Pyramid and Triangular Pyramid

c) Cone and Cylinder

d) Sphere, Cone and Cylinder

e) Sphere

3A

4.

a) Parallel

b) Parallel

c) Perpendicular

d) Parallel

e) Perpendicular

f) Parallel

g) Parallel lines should run beside each other.

h) Perpendicular lines should intersect, forming a right angle.

i) Answers may vary. Possible answers include: Parallel lines do not cross each other; perpendicular lines do cross each other.

4A

5.

a) Triangular Pyramid

b) Rectangular Pyramid

c) Pentagonal Pyramid

d) Hexagonal Pyramid

e) Octagonal Pyramid

f) Irregular

g) Regular

h) Regular

i) Irregular

j) Regular

k) Irregular

5A

6.

a) Triangular Pyramid

b) Rectangular Prism

c) Cylinder

d) Triangular Prism

e) Rectangular Pyramid

f) Cube

g) Pentagonal Prism

h) Cone

6A

Activity One

1a) Conversions

1 cm = ________ mm

2 lbs = ________ oz

5 L = ________ mL

5 ft = ________ in

5 g = ________ mg

6 quarts = ________ pints

6 yds = ________ ft

160 oz = ________ lbs

5 gallons = ________ quarts

b) Choose the correct answer

Which measurement is closest to 3 feet?	30 inches *or* 2 yards
Which unit would you use to tell the distance between state capitals?	feet *or* miles
Most aquariums are measured in terms of	cups *or* gallons
A car might likely weigh	1 ton *or* 1 ounce

c) You draw it

Using a protractor, draw an angle with the following measurements:

60 °

120°

90°

d) Area and Perimeter

Below, draw the following shapes. Find the area and perimeter of each shape.

A square with each side equal to 1 inch.

A triangle with each side equal to 3 cm.

NAME: ______________________

Activity Two

2a) Ted drank three bottles of water during a hike. Each bottle held one-half a liter of water. How much total water did Ted drink?

____

b) Jenna was using a yardstick to measure a banner to hang for a school party. The banner was folded into four equal sections. If the banner was 16 yards long, how long was each section?

____

c) Sanjeev was measuring the temperature inside and outside of school. He found the outside temperature to be 54°F (12°C). The inside temperature was one third warmer than that. How warm was the temperature inside the school?

____

d) Denny ran a 5 mile race. She finished the race in a time of 40 minutes. Based on her finishing time, what was the average time it took her to run 1 mile?

____

e) Stefan found the length of his room was 20 feet (6 meters). The width of his room was 10 feet (3 meters). What was the area of his room?

____

f) Allison had 12 marbles in her pocket. Half of the marbles weighed 3 grams (0.1 ounces) apiece. The other 6 marbles weighed 2 grams (0.07 ounces) apiece. How many total grams did the 12 marbles weigh?

____

g) Mrs. Watson's class measured the shadow of a tree. It was approximately 38 feet (12 meters) long. The students wanted to convert that measurement to inches (centimeters). How many inches (centimeters) long was the shadow?

____

h) Chai returned home from a day trip with his family at a quarter to midnight. He fell asleep forty-five minutes later. What time did he fall asleep?

____

Activity Three

3a) Wendy was measuring the perimeter of a square yard. She found one length of the yard to be 30.5 feet (9.3 meters) long. How long was the perimeter of the yard?

____

b) A cookie recipe calls for 1.5 cups of milk. If Maggie wants to make three batches of cookies, how many cups of milk will she need?

____

c) Albert ran 200 meters three different times. He finished the first race in 14 seconds, the second race in 15.5 seconds, and the third race in 12.5 seconds. What was his average time running the race?

____

d) Sarah weighs 45 pounds (20 kilograms). Her brother weighs one third more than her. How much does her brother weigh?

____

e) Kayla built a model wooden car in class as part of a science experiment. She raced the car in class. The first time, her car went 525 centimeters (207 inches). The second time her car went 115 centimeters (45 inches) further. The final time it went 18 centimeters (7 inches) more than the second test. How far did the car travel on the final test?

____

f) Mackenzie purchased three items for a school project. He bought a piece of poster board for 75 cents, markers for $1.99, and a package of construction paper for $3.50. How much total money did he spend on these items?

____

g) Diego drove on a trip to an amusement park. The trip took two days. Diego drove an equal distance each day. If he drove 150 total miles (241 kilometers), how much did he travel in one day?

____

h) Janice went to a museum. If she arrived at 9:45 AM and left the same day at 2:30 PM, how much time did she spend at the museum?

____

NAME: ______________________________

Activity Four

4a) Denise cut out a triangle for a display she was making. The triangle had two long sides of equal length and a shorter side. The shorter side was 10 cm (4 in) long. The longer sides were twice as long. How long was each of these longer sides?

____

b) Carter needed to fill a 2 gallon (8 liter) bucket with paint. He used a measuring cup that held 1 quart (liter) to do this. How many times would he need to fill this cup in order to use it to fill the tank?

____

c) Kristina worked on her homework after school from 4:00 to 4:30. She then had to go to soccer practice. But, later that evening, she finished her homework from 7:30 to 7:45. How many total minutes did she spend doing homework?

____

d) Chen spent $10.00 at a store, before paying tax. Two notebooks cost a total of $4.00. A book cost $5.00. If she spent the rest of her money on pens, how much did the pens cost in total?

____

e) Francois measured the temperature on a cold winter morning. He found it to be -2°C (28°F). If the temperature rose 5 degrees that day, how warm did it get?

____

f) Louisa planned to put tiles on her floor. She knew that her floor measured 12 feet (4 meters) across. However, she needed to convert that measurement to inches (centimeters) to purchase the tiles. How many inches (centimeters) did her floor measure?

____

g) David needed to serve soft drinks at a party. He knows that each bottle serves 2 L. He wanted to have enough to serve 7 L of soda. How many bottles should he purchase in order to be able to serve 7 L of soft drink?

____

Activity Five

5a) Allen went to sleep at 8:15 PM Tuesday night. He woke up the next morning at 6:30 AM. How much time did he spend sleeping?

____

b) Stefanie measured the width of a book using a metric ruler. She determined that the width was 1200 mm (47 in). How many cm (ft) wide was the book?

____

c) Wan was hiking in the woods with a local outdoor group. During the first day, he hiked 7 miles (11 kilometers). The next day he hiked 8 miles (13 kilometers). The next day he hiked twice as much as he did on the first day. By the end of three days, how far had Wan hiked?

____

d) Aimee bought a new pair of shoes for $32.75. She gave the clerk $35.00. How much change should she receive after she paid the clerk?

____

e) The first three days of the Klondike Derby saw high temperatures of 5°F (-15°C), 7°F (-14°C), and 0°F (-18°C). What was the average high temperature for the three day event?

____

f) Patrick is in charge of freight aboard a train. The train is pulling four cars of freight. The average load aboard each car is 5,000 kilograms (11,023 pounds). How many total kilograms (pounds) of freight will Patrick place on the train?

____

g) Suzanne is filling containers with water as part of an experiment. There are 25 containers. Each container needs to be filled to the point that measures 1.5 cup. What is the total number of cups of water she will need?

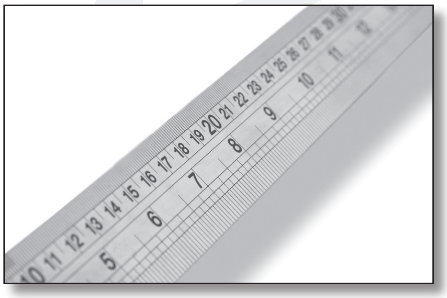
____

h) Alec drew an angle that measured 45°. The next angle he drew was 2/3 as big as that angle. How big was his second angle?

____

NAME: ______________________________

Activity Six



6) **Measuring Up!**

For the following activity, you will need:

- a ruler
- a protractor

a) Draw a triangle below that contains one angle with a measurement of 45°. Label the measurement of the other two angles. Then, list the area and perimeter.

Area:

Perimeter:

b) Draw a rectangle below that contains a line that is 2 inches (5 centimeters) long. Label the measurement of the other three sides. Then, list the area and perimeter.

Area:

Perimeter:

(these answers are for the 6 free bonus pages, see page 3 for download instructions)

1.

a) 1 cm = 10 mm;
5 ft = 60 in;
6 yds = 18 ft;
2 lbs = 32 oz;
5 g = 5000 mg;
160 oz = 10 lbs;
5 liters = 500 ml;
6 quarts = 12 pints;
5 gallons = 20 quarts

b) 30 inches;
miles;
gallons;
1 ton

c) Answers may vary.

d) Answers may vary.

1A

2.

a) 1.5 liters

b) 4 yards

c) 72°F (16°C)

d) 8 minutes

e) 200 square feet
(18 square meters)

f) 30 grams
(1.02 ounces)

g) 456 in (1200 cm)

h) 12:30 AM

2A

3.

a) 122 feet
(37.2 meters)

b) 4.5 cups

c) 14 seconds

d) 60 pounds
(27 kilograms)

e) 658 cm (259 in)

f) $6.24

g) 75 miles
(120.5 kilometers)

h) 4 hours, 45 minutes

3A

4.

a) 20 cm (8 in)

b) 8 times

c) 45 minutes

d) $1.00

e) 3°C (33°F)

f) 144 inches
(400 centimeters)

g) 4 bottles

4A

5.

a) 0 hours, 15 minutes

b) 120 cm (4 ft)

c) 29 miles
(46 kilometers)

d) $2.25

e) 3°F (-16°C)

f) 20,000 kg (44,092 p)

g) 37.5 cups

h) 30°

5A

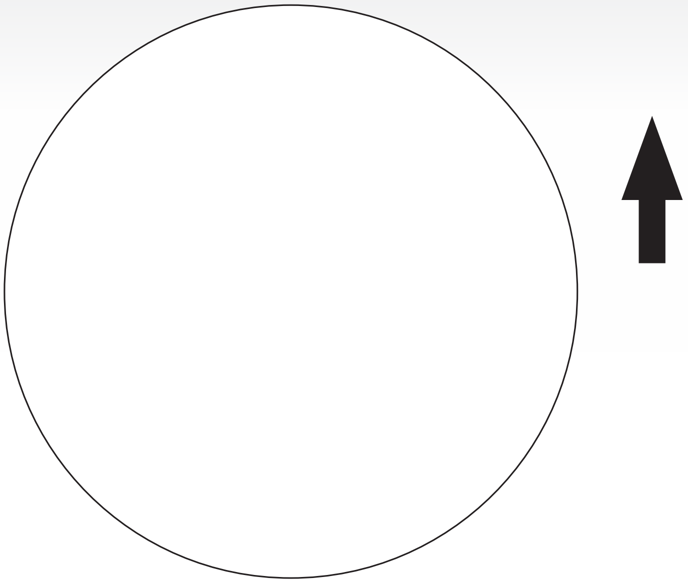
6.

Answers may vary.

6A

Activity One

1) Design your own functioning spinner by cutting out the circle and pointer below. Attach the pointer to the center of your spinner using brass fasteners. Then, include 6 of your own colors. Number the colors 1 through 6. Answer the questions based on your spinner.



a) Is it more or less likely to land on the first color than the second?

b) Is it more or less likely to land on the third color than the second?

c) What three other colors have you chosen for your spinner?

d) Is it likely or unlikely that the spinner will land on any of the other three colors?

NAME: ______________________________

Activity Two

2) Use the data below to create a chart or table that shows the growth of each plant overnight.

Orchid	3 cm (1 inch) overnight
Geranium	24 cm (9 inches) overnight
Cactus	6 cm (2 inches) overnight
Spider Plant	29 cm (11 inches) overnight
African Violet	1 cm (0.4 inch) overnight

Create your chart or table below, then answer the questions.

a) **Which plant grows the most overnight?**

b) **How many more cm (inches) does the Spider Plant grow over the Orchid?**

c) **How many days does it take the Cactus to grow 23 cm (9 inches)?**

d) **Which plant will grow the least in seven days? How do you know?**

e) **What other questions can you ask using the information about the plants from your chart or table?**

____

____

NAME: ____________________________________

Activity Three

3) Answer the following questions by determining the probability.

a) If a letter is chosen at random from the word *Independent*, what is the probability of the letters "e" and "n" being chosen?

i) Likely
ii) Unlikely
iii) Certain
iv) Impossible

b) If a letter is chosen at random from the word *consideration*, what is the probability of the letter "i" being chosen?

i) Likely
ii) Unlikely
iii) Certain
iv) Impossible

c) If a person were to choose a letter from the alphabet at random, what is the probability that it would be a vowel?

i) Likely
ii) Unlikely
iii) Certain
iv) Impossible

A bag contains 12 blue marbles, 4 red marbles, 3 black marbles, and 2 yellow marbles.
Find the probability of:

d) Choosing a blue marble?

i) Likely
ii) Unlikely
iii) Certain
iv) Impossible

e) Choosing a black marble?

i) Likely
ii) Unlikely
iii) Certain
iv) Impossible

f) Choosing a yellow and a red marble?

i) Likely
ii) Unlikely
iii) Certain
iv) Impossible

g) Choosing a green marble?

i) Likely
ii) Unlikely
iii) Certain
iv) Impossible

Activity Four

4) Ask your class mates what their favorite color is from the colors listed on the chart below. Make a tally mark (|) each time a color is chosen under the number section. When finished, add all the tally marks up and write in the total for each color.

Favorite Colors

Color	Number	Total
Green		
Red		
Blue		
Pink		
Orange		
Black		

Answer the questions using the information from the frequency table above.

a) How many people did you survey?

b) What color was chosen the most?

c) What color was chosen the least?

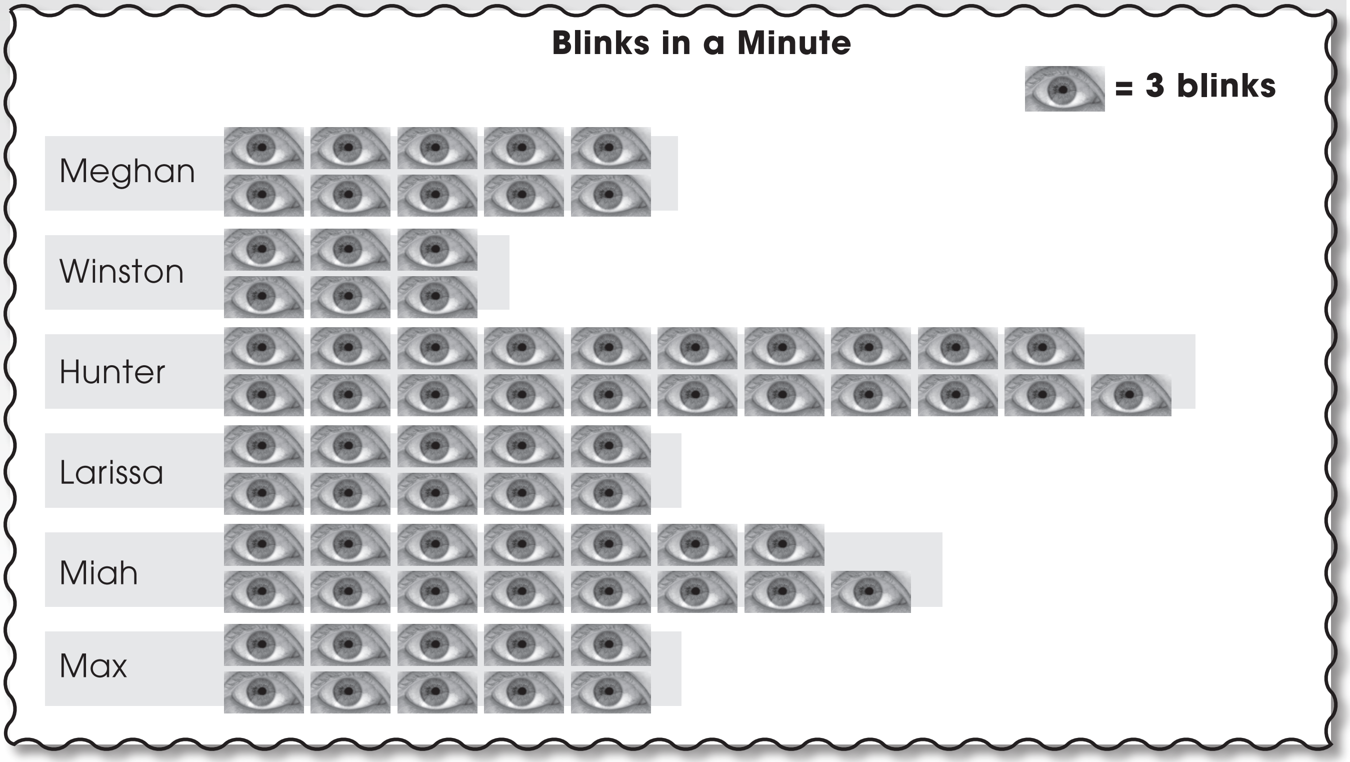
d) How many of your classmates chose your favorite color?

e) What other questions can you ask about the information on this chart?

NAME: ________________________________

Activity Five

5) **Answer the questions below using the information in the pictograph.**



a) **What data does the pictograph show?** ________________________________

b) **What is another way you could display the data?** ________________________

c) **Why was the scale of one eye equals three blinks used?** ________________

d) **How many times did the students blink in all?** __________________________

e) **Who blinked the most?** ____

f) **Who blinked the least?** ____

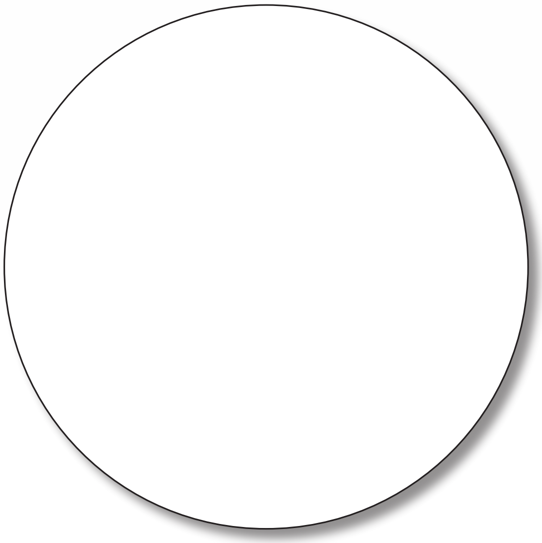
g) **How likely is the probability that Hunter would blink the most after two minutes?** ______________________

Activity Six

6) Clark's class voted on which animals they liked best at the zoo.

Animal	Total Votes
Gorilla	12
Snake	6
Tiger	14
Bear	18
Wolf	8

Create and label the circle graph using the information from the tally chart above.



Use the data above to answer the following questions.

a) Which animal was voted for the least?

b) Which animal was voted for the most?

c) How many students voted altogether?

d) What percentage of students voted for the Snake and Wolf?

e) What percentage of students voted for the Gorilla and Tiger?

(these answers are for the 6 free bonus pages, see page 3 for download instructions)

1.

Answers will vary.

1A

2.

a) Spider Plant

b) The Spider Plant grows 26 cm (10 inches) more than the Orchid.

c) 3 days.

d) African Violet. Because it grows the least amount overnight.

e) Answers will vary.

2A

3.

a) i) Likely

b) ii) Unlikely

c) ii) Unlikely

d) i) Likely

e) ii) Unlikely

f) ii) Unlikely

g) iv) Impossible

3A

4.

Answers will vary.

4A

5.

a) Answers will vary.

b) Answers will vary.

c) Answers will vary.

d) 216

e) Hunter

f) Winston

g) Likely

5A

6.

a) Snake

b) Bear

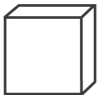
c) 58

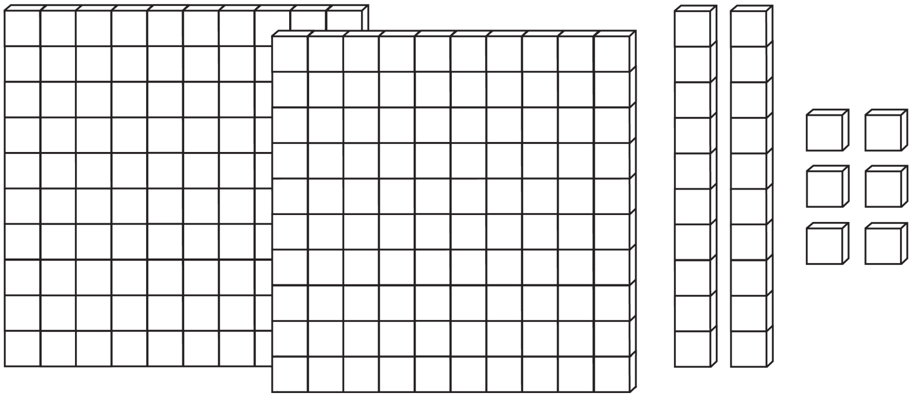
d) 24%

e) 45%

6A

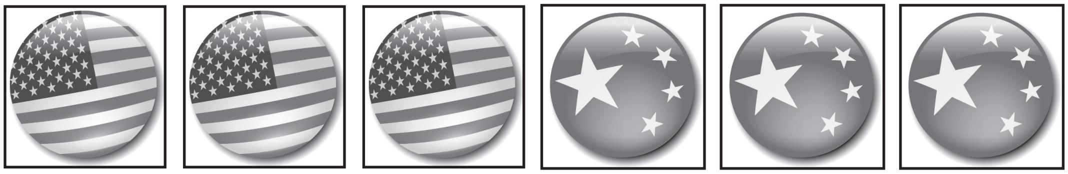
Activity One

a) In the following model,  **= 1.**



What number does this model show? ________________

b) What fraction of the buttons pictured below are American flags? ______



What is an equivalent fraction of this? _______

c) Replace each blank with the correct digit.

i) $$\begin{array}{r} 4\square \\ +\,35 \\ \hline 79 \end{array}$$

ii) $$\begin{array}{r} 86 \\ -\,2\square \\ \hline 59 \end{array}$$

iii) $$\begin{array}{r} 12\square \\ +\,237 \\ \hline 361 \end{array}$$

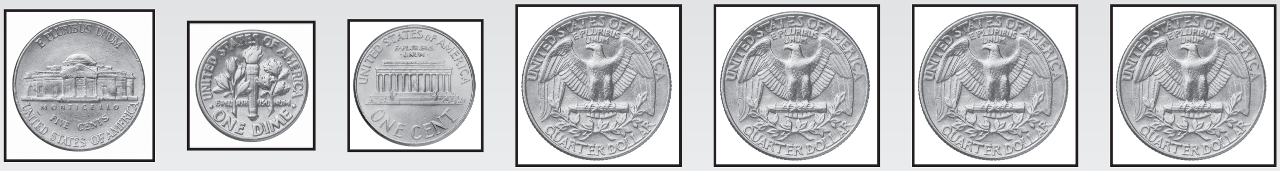
iv) $$\begin{array}{r} 369 \\ -\,25\square \\ \hline 113 \end{array}$$

d) Round each number to the nearest 10.

i) 47 _____ ii) 91 _____ iii) 6 _____ iv) 20 _____

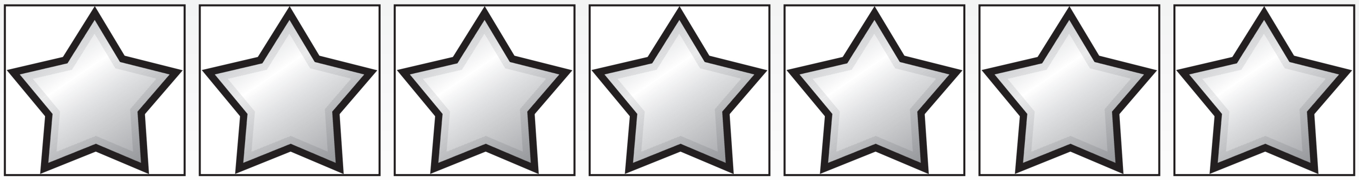
Activity Two

a) Using the coins provided, calculate the correct change for the following.



Subtract 0.31¢ from the coins above. Change = _______.

b) With a colored pencil, shade in the stars to show the fraction 5/7.



c) Write the following numbers in order from the least to the greatest.

i) 47, 102, 03, 91, 234 ________________________________

ii) 75, 32, 99, 9, 176 ________________________________

d) Solve the following.

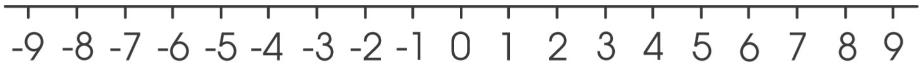
i) 6 + 9 – 12 =

ii) 2 + 20 – 7 =

iii) 11 + 10 + 8 =

iv) 15 – 9 – 4 =

e) On the number line below, circle the number which represents seven degrees below zero.



Activity Three

a) Solve the following.

i) (11 + 1) ÷ 6 =

ii) $(25 - 20)^2$ =

iii) (16 ÷ 8) + 14 =

iv) 10 + (23 + 17) =

b) Round the following number to the nearest whole number.

i) 44.5 _____

ii) 19.7 _____

iii) 37.3 _____

c) Circle the larger fraction in each pair.

i) 1/5 or 1/4

ii) 2/3 or 1/6

iii) 1/2 or 3/4

d) Solve the following.

i) 0.1 x 300 = _____

ii) 15.2 x 100 = _____

iii) 90 x 10 = _____

iv) 12.2 x 1000 = _____

e) Write 2381 using words: ________________________________

f) Write the expanded form for each of the following numbers.

i) 8408 = __________________

ii) 91720 = __________________

Activity Four

a) For each pair of numbers below, circle the one which is SMALLER.

i) 7.1 or 7.11 ii) 0.76 or 7.6 iii) 54.1 or 55

b) Solve the following.

i) 0.44¢
× 8

ii) 0.62¢
× 9

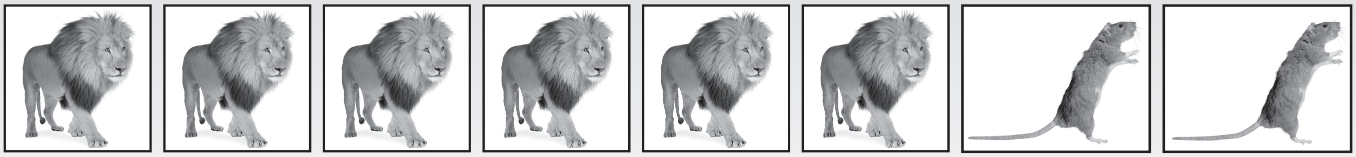
iii) $1.49
× 7

c) Write the next numbers in the following patterns.

i) 144, 149, 154, _____ , _____

ii) 62, _____, 54, 50, _____

d) What percentage of the animals below does the lion represent? _______



e) Record the following numbers in the accompanying place value chart.

	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
3020.147							

f) Write the following numbers.

i) 4512 = ______________________________

ii) 9825 = ______________________________

NAME: ______________________________

Activity Five

a) Find the value of each percent.

i) 25% of 40 =

ii) 90% of 60 =

iii) 75% of 20 =

iv) 20% of 100 =

b) Solve the following.

i) $(33 + 12) - (3 + 3)^2 =$

ii) $2(4 + 6) + 3(9 - 7) =$

iii) $(4 + 2)^2 + (1 + 5)^2 =$

iv) $71 - 31 + (12 - 8 + 3) =$

c) Use >, <, or = to compare the pairs of decimals below.

i) 0.44 ☐ 0.4

ii) 21.21 ☐ 21.211

iii) 135.74 ☐ 135.074

d) Order the following sets of numbers from greatest to least.

i) 7.89, 21.89, 21.90, 14.89 ______________________________

ii) 1.56, 1.57, 1.54, 1.45 ______________________________

e) Round each number to the nearest 1000.

i) 1234 = _______

ii) 568 = _______

iii) 2412 = _______

Activity Six

a) Round each number to the nearest tenth.

i) 2.34 = ______ ii) 17.92 = ______ iii) 7.19 = ______

b) Write the following numbers in words.

i) 24915 = ____

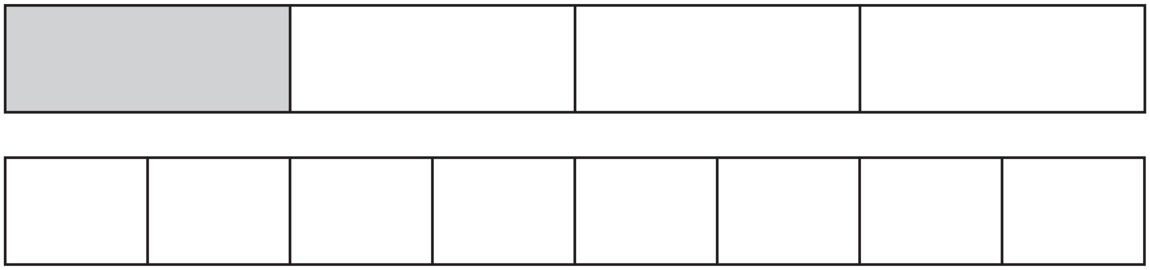
ii) $467.92 = ____

c) Solve the following.

i) 34.5 x 100 = ______ ii) 43 x 0.01 = ______

iii) 712.34 x 1000 = ______ iv) 4902.56 x 0.001 = ______

d) Draw and equivalent fraction for the following in which the denominator is eight.



e) Find the missing numbers in the equivalent fractions below.

i) 2/5 = 6/______ ii) 3/12 = ______/4 iii) 12/36 = 1/______

(these answers are for the 6 free bonus pages, see page 3 for download instructions)

EZ✓

1.

a)
226

b)
3/6, 1/2

c)
i) 4 ii) 7 iii) 4 iv) 6

d)
i) 50 ii) 90 iii) 10
iv) 20

1A

2.

a)
$0.85

b)
5 stars will be shaded.

c)
i) 03, 47, 91, 102, 234
ii) 9, 32, 75, 99, 176

d)
i) 3 ii) 15
iii) 29 iv) 2

e)
Circle -7 on the number line.

2A

3.

a)
i) 2 ii) 25
iii) 16 iv) 50

b)
i) 45 ii) 20 iii) 37

c)
i) 1/4 ii) 2/3 iii) 3/4

d)
i) 30 ii) 1520
iii) 900 iv) 12200

e)
two thousand three hundred eighty-one

f)
i) 8000 + 400 + 8
ii) 90000 + 1000 + 700 + 20

3A

4.

a)
i) 7.1 ii) .76
iii) 54.1

b)
i) $3.52 ii) $5.58
iii) $10.43

c)
i) 159, 164 ii) 58, 46

d)
75%

e)

	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
i)	3	0	2	0	1	4	7

f)
i) four thousand five hundred twelve
ii) nine thousand eight hundred twenty-five

4A

5.

a)
i) 10 ii) 54
iii) 15 iv) 20

b)
i) 9 ii) 26
iii) 72 iv) 47

c)
i) > ii) < iii) >

d)
i) 21.90, 21.89, 14.89, 7.89
ii) 1.57, 1.56, 1.54, 1.45

e)
i) 1000 ii) 1000
iii) 2000

5A

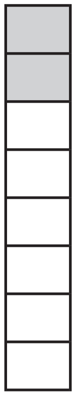
6.

a)
i) 2.3 ii) 17.9
iii) 7.2

b)
i) twenty-four thousand nine hundred fifteen

ii) four hundred sixty-seven dollars and ninety-two cents.

c)
i) 3450 ii) .43
iii) 712340
iv) 4.90256

d)


e)
i) 15 ii) 1 iii) 3

6A

NAME: ____________________

Activity One

a) Calculate the following.

i) 17 + 8 x 2 =

ii) 20 + 2 – 5 =

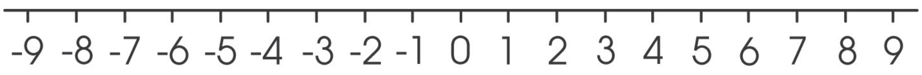
iii) 10 + 6 ÷ 2 =

iv) 3 x 3 x 2 =

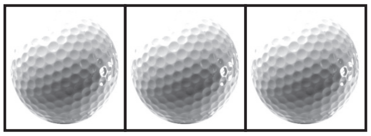
v) 7 + 8 – 6 =

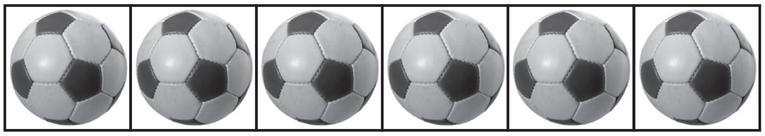
vi) 12 ÷ 2 + 2 =

b) On the number line below, circle the number which represents six degrees below zero.



c) Write 2 mathematical sentences using these 2 groups of balls.





____

____

d) Evaluate each expression

i) Let a = 4, 21 + a =

ii) Let b = 0, 0 – b =

iii) Let c = 9, 18 ÷ c =

iv) Let d = 15, 12 + d – 8 =

v) Let e = 10, 140 ÷ e + e^2 =

vi) Let f = –2, 18 ÷ f =

vii) Let g = 0.5, g x 2.5 =

Activity Two

a) Continue the pattern shown in the chart below.

1	2	③	4	5	6	7	8	⑨	10
11	12	13	14	⑮	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

b) Solve.

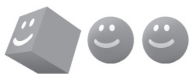
i) 31 – 11 = 12 + ______

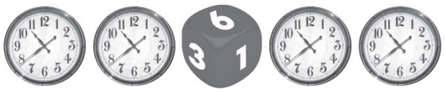
ii) 99 – 19 = 10 + ______

iii) 94 + ______ = 46 + 54

iv) 4 x 4 = 20 – ______

c) Continue the following patterns.

i)  ______ ______

ii)  ______ ______ ______

d) Find each quotient.

i) –21 ÷ 3 =

ii) 70 ÷ –7 =

iii) 42 ÷ 6 =

iv) –9 ÷ 3 =

e) Simplify these expressions.

i) –10a + 4a =

ii) –5b – 2b + 3b =

iii) –2c – (–c) =

iv) 30d – 19d =

v) 3e x 4e =

vi) –71f – (–24f) =

Activity Three

a) Calculate the following.

i) $(15 + 5) \div 4 =$

ii) $(16 - 12)^2 =$

iii) $(21 \div 7) + 30 =$

iv) $16 + (8 + 1)^2 =$

b) Write each as an algebraic expression.

i) The difference of 15 and 9 ______________________________

ii) ***x*** increased by 10 ______________________________

iii) The product of ***y*** and 3 ______________________________

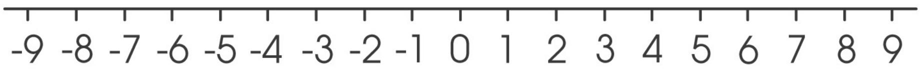
iv) The sum of 12 and ***z*** ______________________________

c) Write the next numbers in the following patterns.

i) 122, 137, 152, _____, _____

ii) 77, _____, 61, 53, _____

d) Graph $a > -2$ on the number line.



e) If $x = 7$, solve these equations.

i) $x^2 + 3 =$

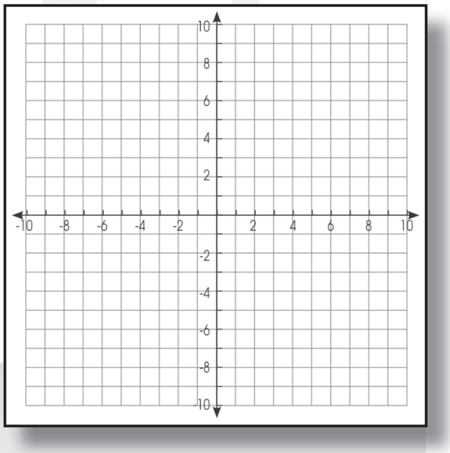
ii) $x(5 \times 2) =$

iii) $x^2 + x \div 7 =$

iv) $21 \div x + 4 =$

Activity Four

a) Plot the following coordinates on the accompanying grid:


10
8
6
4
2
-2
-4
-6
-8
-10
-10
-8
-6
-4
-2
2
4
6
8
10

A = (1, 3)
B = (8, –3)

C = (–9, –9)
D = (0, –9)

b) Calculate the following.

i) $(26 + 11) - (2 + 4)^2 =$

ii) $3(1 + 8) + 2(6 - 4) =$

iii) $(7 + 2)^2 + (3 + 5)^2 =$

iv) $60 - 28 + (11 - 3 + 6) =$

v) $12 + (3 \times 2) \div 3 =$

vi) $2(7 \times 7) =$

c) Simplify these expressions.

i) $-3a + 12a =$

ii) $-4b + 7b - 2b =$

iii) $12c + 4c - c =$

iv) $9^2 - 21 =$

d) On the following graph, cite the coordinates for the four objects indicated.

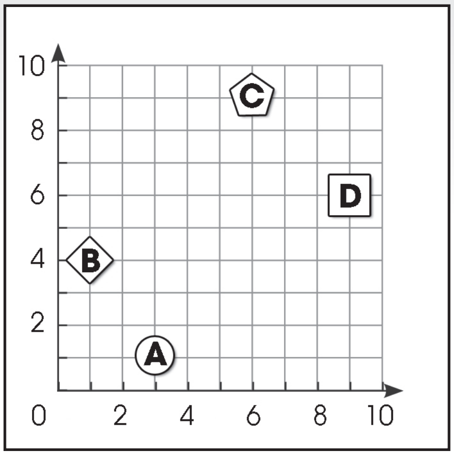
Coordinates:

A = ______

B = ______

C = ______

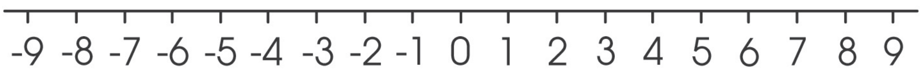
D = ______


10
8
6
4
2
0
2
4
6
8
10
C
D
B
A

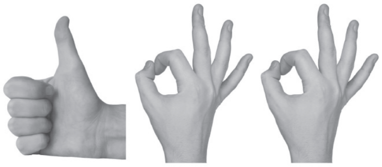
NAME: ______________________________

Activity Five

a) Graph $a > -1$ on the number line.



b) How would you show the following pattern using letters?



i. ABA ii. BAB iii. AAB iv. ABB

c) Write the next numbers in the following patterns.

i) 176, 184, 192, ______, ______

ii) –9, ______, –31, –42, ______

d) Find each sum.

i) $(-12) + 8 =$

ii) $(-6) + (-9) =$

iii) $15 + (-9) + 7 =$

iv) $17 - (-7) + 4 - (-3) =$

e) Evaluate each using the values given.

i) $a^2 + b^2$; use $\boldsymbol{a} = 3$ and $\boldsymbol{b} = 2$ ________________

ii) $5c - 6d$; use $\boldsymbol{c} = 5$ and $\boldsymbol{d} = 1$ ________________

iii) $2e \div f^2$; use $\boldsymbol{e} = 25$ and $\boldsymbol{f} = 5$ ________________

iv) $2g \times h^2$; use $\boldsymbol{g} = 4$ and $\boldsymbol{h} = 2$ ________________

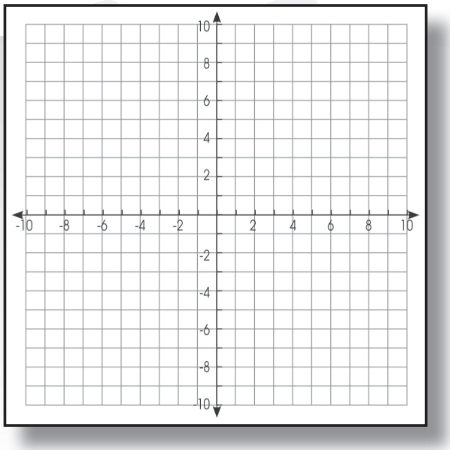
v) $k^3 + m$; use $\boldsymbol{k} = 2$ and $\boldsymbol{m} = 10$ ________________

vi) $z \div b^2$; use $\boldsymbol{z} = 12$ and $\boldsymbol{b} = 2$ ________________

vii) $7q + 3g$; use $\boldsymbol{q} = 3$ and $\boldsymbol{g} = 2$ ________________

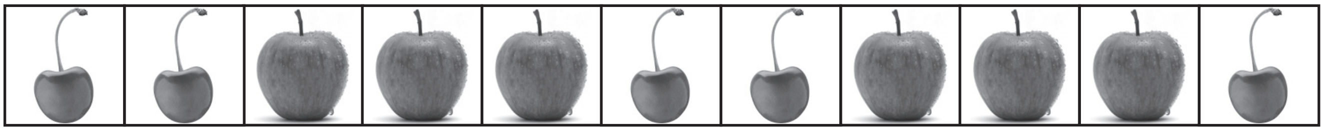
Activity Six

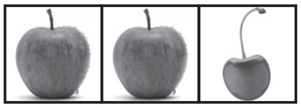
a) Plot the following coordinates on the accompanying grid:

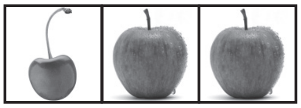

10
8
6
4
2
-10
-8
-6
-4
-2
2
4
6
8
10
-2
-4
-6
-8
-10

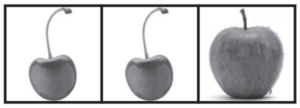
A = (5, 4)
B = (6, –2)
C = (–7, –6)
D = (0, 8)

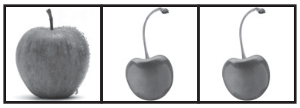
b) What 3 items would be next in the following pattern?



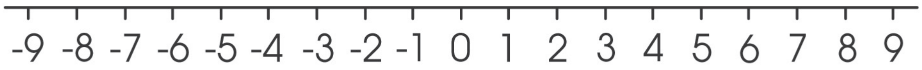
i. 

ii. 

iii. 

iv. 

c) Graph $w \leq 7$ on the number line.


-9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9

d) Solve each equation.

i) $16 = 12 + a$

ii) $9 - b = 3$

iii) $22 + c = 43$

iv) $-14 + d = -6$

v) $e + 11 = -10$

vi) $f - 3 = 9$

vii) $11 = g \div 3$

viii) $-12h = -96$

ix) $4(i + 4) = 24$

x) $60 - j^2 = 35$

(these answers are for the 6 free bonus pages, see page 3 for download instructions)

1.

a) i) 33 ii) 17
iii) 13 iv) 18
v) 9 vi) 8

b) −6 would be indicated.

c) Answers may vary: 3 + 6 = 9, 6 + 3 = 9

d) i) 25 ii) 0
iii) 2 iv) 19
v) 114
vi) −9 vii) 1.25

1A

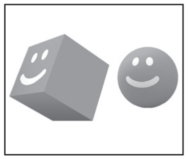
2.

a) 21, 27, 33, 39, 45

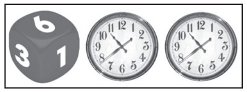
b) i) 8 ii) 70
iii) 6 iv) 4

c)

i)



ii)



d) i) −7 ii) −10
iii) 7 iv) −3

e) i) −6a ii) −4b
iii) −1c iv) 11d
v) $12e^2$ vi) −47f

2A

3.

a) i) 5 ii) 16
iii) 33 iv) 97

b) i) 15 – 9

ii) x + 10

iii) 3y

iv) 12 + z

c) i) 167, 182 ii) 69, 45

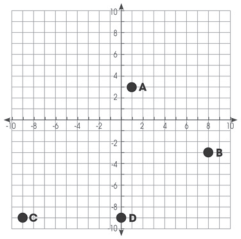
d) Label from −1 to 9 on the number line.

e) i) 52 ii) 70
iii) 50 iv) 7

3A

4.

a)



b) i) 1 ii) 31

iii) 145 iv) 46

v) 14 vi) 98

c) i) 9a ii) 1b
iii) 15c iv) 60

d) A = 3, 1
B = 1, 4
C = 6, 9
D = 9, 6

4A

5.

a) Label 0 to 9 on the number line.

b) iv.

c) i) 200, 208
ii) −20, −53

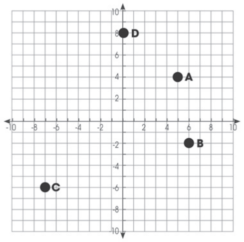
d) i) −4 ii) −15
iii) 13 iv) 31

e) i) 13
ii) 19
iii) 2
iv) 4
v) 18
vi) 3
vii) 27

5A

6.

a)



b) ii.

c) Label from 7 to −9 on the number line.

d) i) a = 4 ii) b = 6
iii) c = 21 iv) d = 8
v) e = −21 vi) f = 12
vii) g = 33 viii) h = 8
ix) i = 2 x) j = 5

6A

Activity One

a) Cut out the tangrams. Using two or more pieces, make the following shapes and record the numbers of the pieces used.

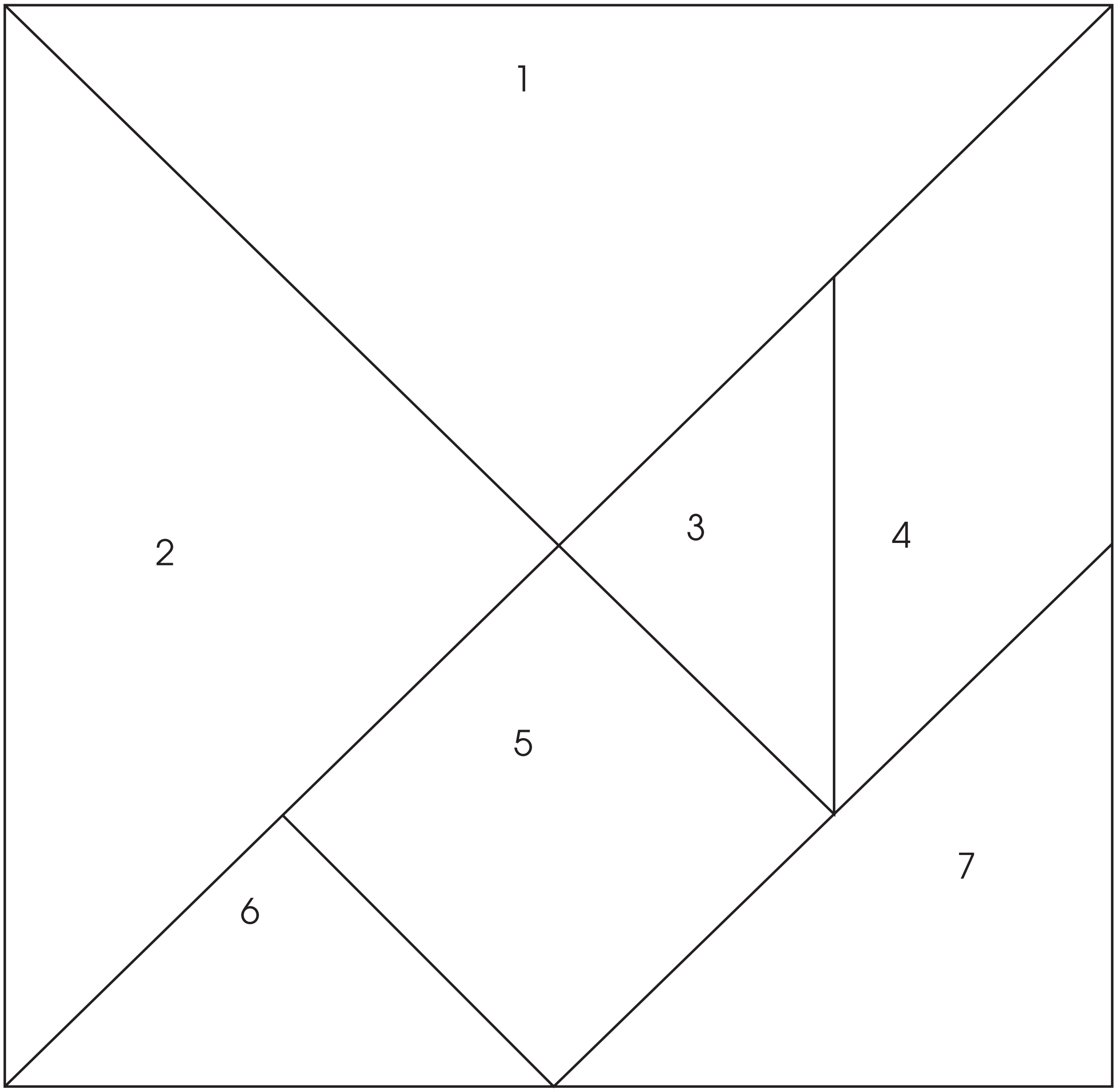
i) Triangle ______________________________

ii) Square ______________________________

iii) Rectangle ______________________________

iv) Trapezoid ______________________________

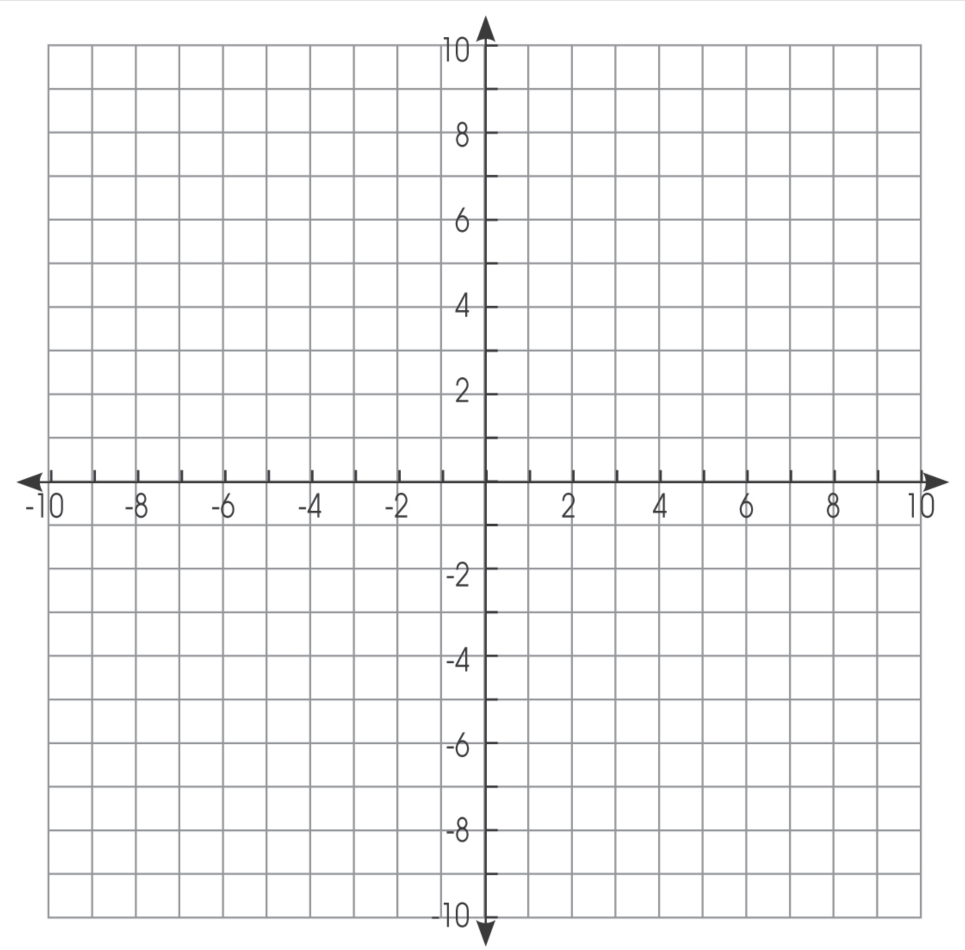
v) Other polygons made: ______________________________



NAME: ______________________________

Activity Two

a) Draw your favorite shape. Record the plot points on the lines. Exchange papers with classmates. On a clean sheet of graph paper, plot the points and see if the same shape is made.



	X	Y
i)		
ii)		
iii)		
iv)		
v)		
vi)		

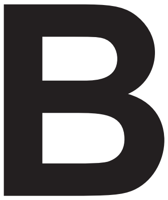
	X	Y
vii)		
viii)		
ix)		
x)		
xi)		
xii)		

	X	Y
xiii)		
xiv)		
xv)		
xvi)		
xvii)		
xviii)		

NAME: ____________________

Activity Three

a) Draw the line of symmetry for each item.

i)


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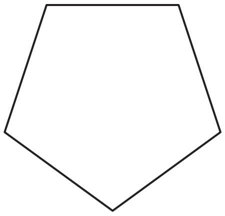

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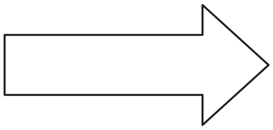

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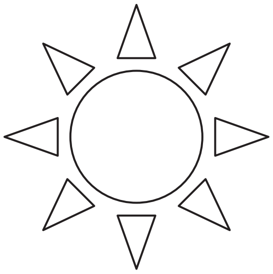

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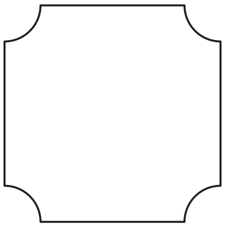

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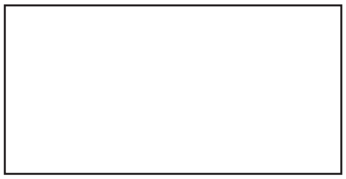

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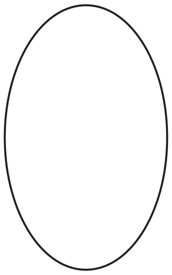

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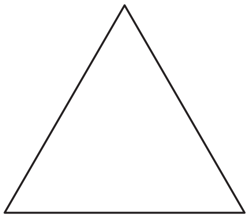

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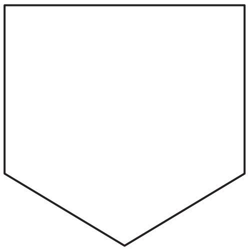

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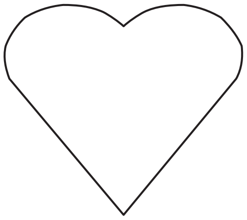

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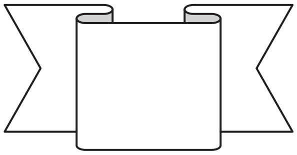

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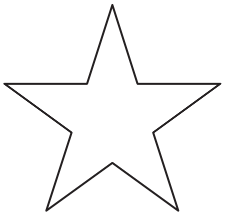

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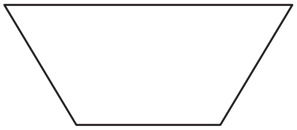

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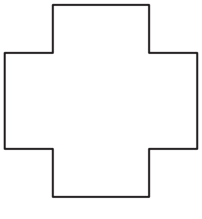

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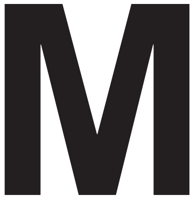
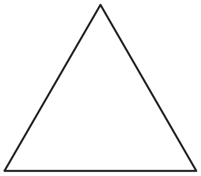


Activity Four

a) Identify each triangle as equilateral, isosceles, or scalene.

i)



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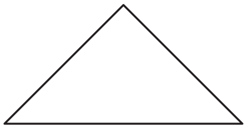

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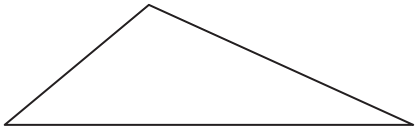

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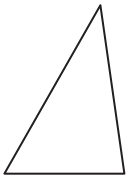
iv)



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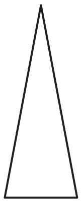
v)



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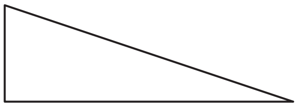
vi)



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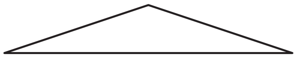
vii)



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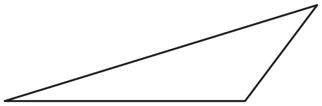

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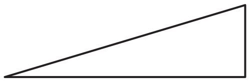

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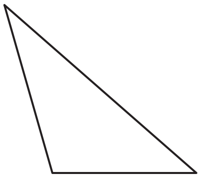

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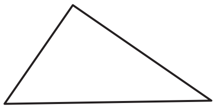

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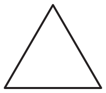

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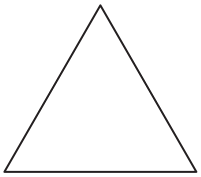

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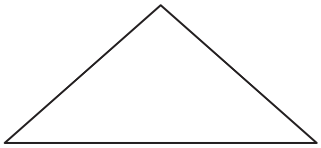

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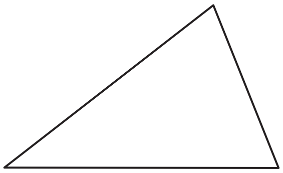

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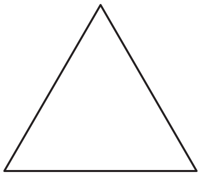
Activity Five

a) Identify each triangle as acute, right, or obtuse.

i)



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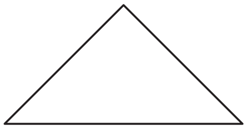
ii)



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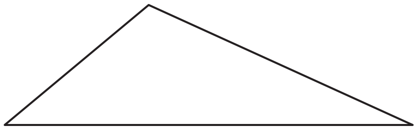

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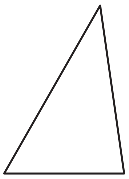

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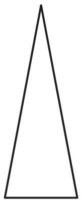

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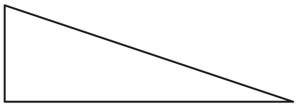

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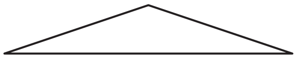
vii)



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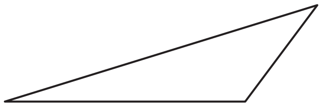

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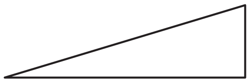
ix)



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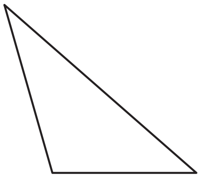
x)



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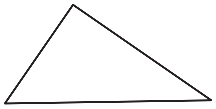

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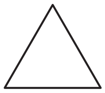

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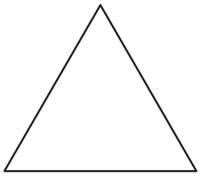

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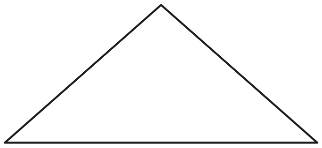
xiv)



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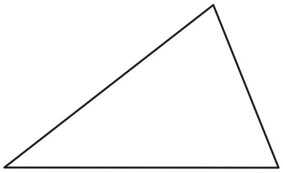
xv)



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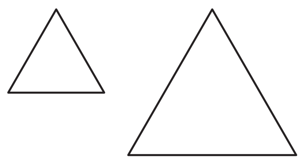
Activity Six

a) Identify each shape as similar or congruent.

i)



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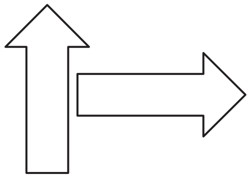
ii)



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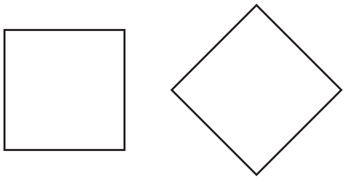
iii)



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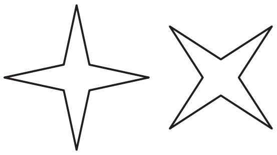
iv)



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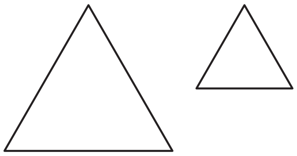
v)



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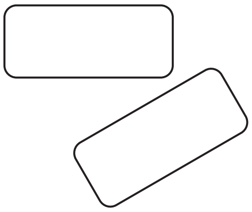
vi)



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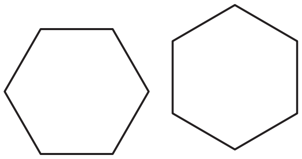
vii)



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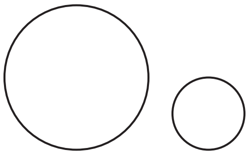
viii)



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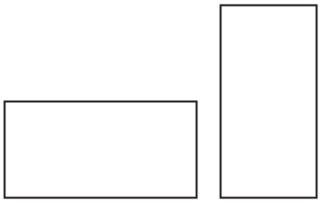
ix)



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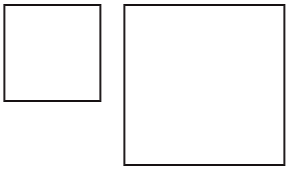
x)



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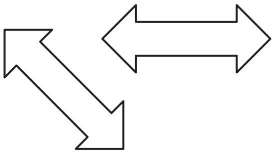

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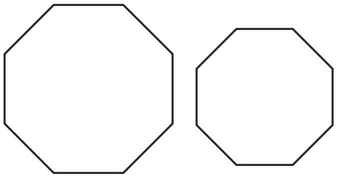
xii)



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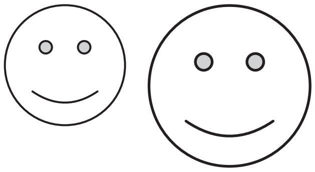
xiii)



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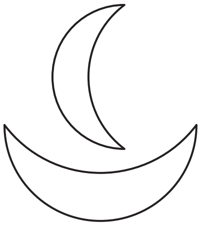

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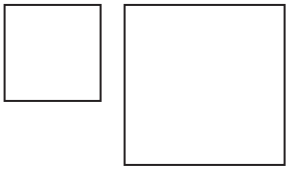
xv)



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(these answers are for the 6 free bonus pages, see page 3 for download instructions)

1.

a)
Answers will vary.

1A

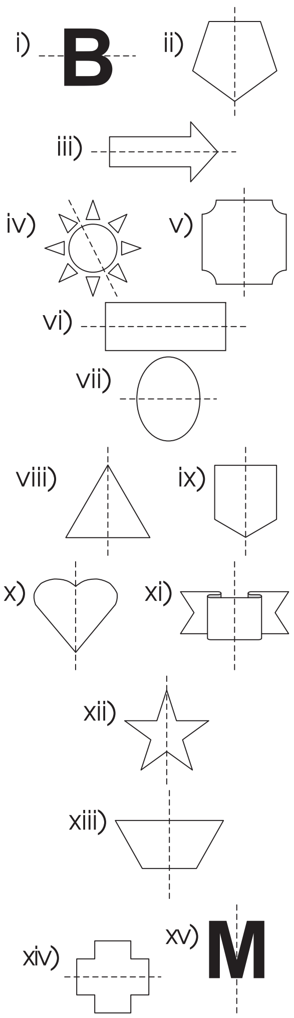
2.

a)
Answers will vary.

2A

3.

a)
Some lines of symmetry may vary.



3A

4.

a)
i) equilateral
ii) isosceles
iii) scalene

iv) scalene
v) isosceles
vi) scalene

vii) isosceles
viii) scalene
ix) scalene

x) scalene
xi) scalene
xii) equilateral

xiii) equilateral
xiv) isosceles
xv) scalene

4A

5.

a)
i) acute
ii) right
iii) obtuse

iv) acute
v) acute
vi) right

vii) obtuse
viii) obtuse
ix) right

x) obtuse
xi) right
xii) acute

xiii) acute
xiv) obtuse
xv) acute

5A

6.

a)
i) similar
ii) congruent
iii) congruent

iv) congruent
v) similar
vi) congruent

vii) congruent
viii) similar
ix) congruent

x) similar
xi) congruent
xii) similar

xiii) similar
xiv) similar
xv) similar

6A

NAME: ______________________________

Student Worksheet

Activity One

a) Use a ruler to draw the following figures. Then, calculate the area of each figure.

i) A rectangle with a length of 2 in (5 cm) and a height of 0.5 in (1.3 cm).

ii) A square with a length of 1.6 in (4 cm).

iii) A triangle with a height of 0.8 in (2 cm) and a base of 1.6 in (4 cm).

iv) A rectangle with a length of 2 in (5 cm) and a height of 1.2 in (3 cm).

v) A triangle with the height of 1 in (2.5 cm) and a base of 2 in (5 cm).

vi) A square with a length of 3 in (7.6 cm).

NAME: ______________________

Activity Two

a) Look at the charts below. It gives information about a variety of shapes and each shape's area. But some of the information is missing. Complete the chart based on what you know about the different shapes.

Triangle	**Base**	**Height**	**Area**
A	2 inches (5 cm)		20 sq. in (126.25 sq. cm)
B		2.5 inches (6 cm)	3.125 sq. in (18 sq. cm)
C	4 inches (10 cm)		16 sq. in (100 sq. cm)
D		2 inches (5 cm)	12 sq. in (75 sq. cm)
E		1 inch (2.5 cm)	4 sq. in (25 sq. in)

Rectangle	**Length**	**Width**	**Height**
F	1.2 inches (3 cm)		3.6 sq. in (24 sq. cm)
G	2 inches (5 cm)		18 sq. in (115 sq. cm)
H		3 inches (7.5 cm)	24 sq. in (150 sq. cm)
I		2 inches (5 cm)	42 sq. in (270 sq. cm)
J	2 inches (5 cm)		22 sq. in (140 sq. cm)

NAME: ____________________

Activity Three

a) You empty your pocket. You have less than 10 coins. They add up to fifty-five cents, total. What possible coin combinations could you have to total 55 cents? List them in the table below.

Combination One	Coins:
Combination Two	Coins:
Combination Three	Coins:
Combination Four	Coins:
Combination Five	Coins:
Combination Six	Coins:
Combination Seven	Coins:
Combination Eight	Coins:
Combination Nine	Coins:
Combination Ten	Coins:

NAME: ______________________________

Student Worksheet

Activity Four

a) Look at the chart below. Your job is to time yourself doing a variety of activities at school during the course of the day. This could be as simple as eating a snack, walking to a classroom, or doing math work. List your activity, then count how many minutes and seconds it takes you to do each activity.

Activities	Minutes	Seconds
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		

Activity Five

a) Look at the measurements below. Write two other measurements that each measurement equals to.

i) 1 gallon: ______________________________

ii) 8 quarts: ______________________________

iii) 3 kiloliters: ______________________________

iv) 2,500 liters: ______________________________

v) 10 cups: ______________________________

b) Complete the length measurement conversions below.

i) 18 inches = ____________ feet

ii) 30 cm = __________ mm

iii) 2 km = ______________ m

iv) 24 feet = ____________ yards

v) 7.5 feet = ____________ inches

vi) 800 mm = __________ cm

c) Complete the weight measurement conversions below.

i) 24 oz = __________________ lbs

ii) 8 g = ________________ mg

iii) 1700 mg = _______________ kg

iv) 5 lbs = ________________ oz

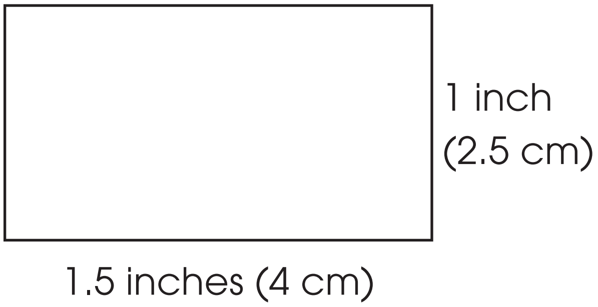
v) 1.2 tons = _______________ lbs

vi) 13.52 kg = ______________ g

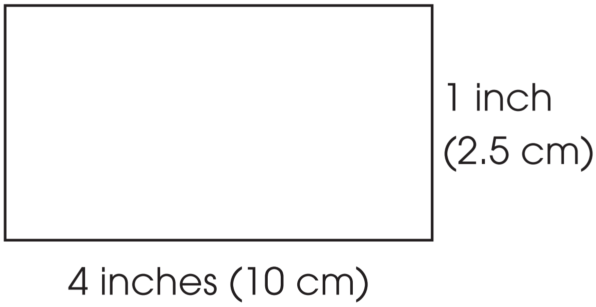
NAME: ______________________________

Activity Six

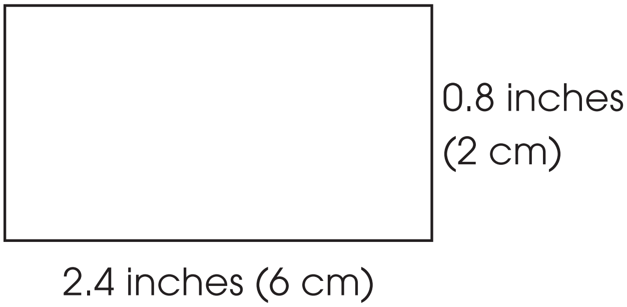
a) Look at the rectangles below. Determine the perimeter of each rectangle based upon the dimensions shown.

i)

1 inch
(2.5 cm)
1.5 inches (4 cm)

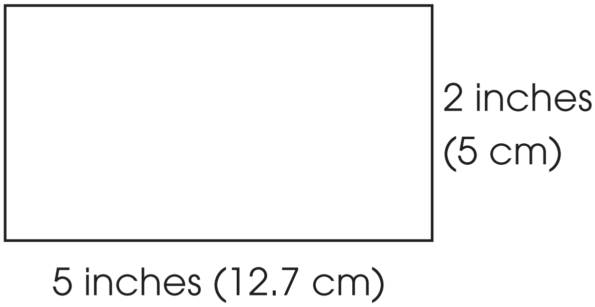
Perimeter = ___________

ii)

1 inch
(2.5 cm)
4 inches (10 cm)

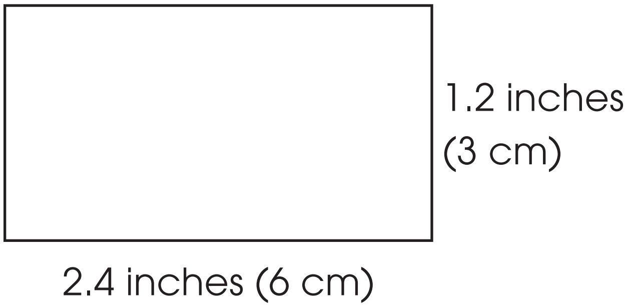
Perimeter = ___________

iii)

0.8 inches
(2 cm)
2.4 inches (6 cm)

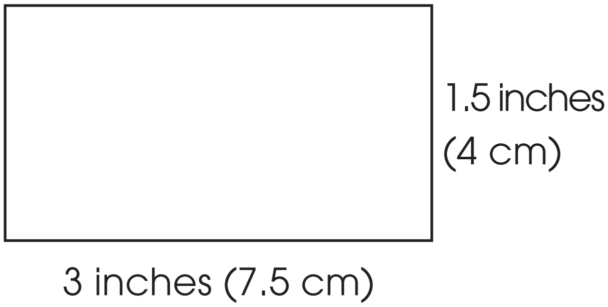
Perimeter = ___________

iv)

2 inches
(5 cm)
5 inches (12.7 cm)

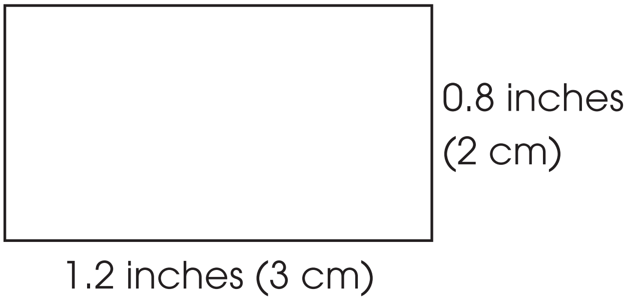
Perimeter = ___________

v)

1.2 inches
(3 cm)
2.4 inches (6 cm)

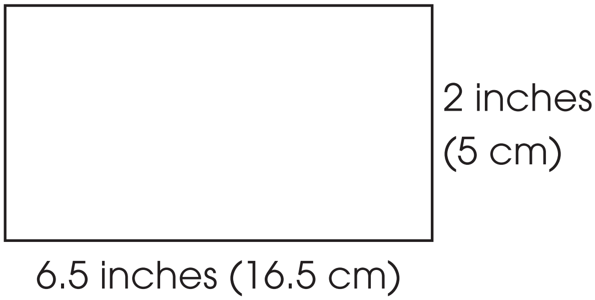
Perimeter = ___________

vi)

1.5 inches
(4 cm)
3 inches (7.5 cm)

Perimeter = ___________

vii)

0.8 inches
(2 cm)
1.2 inches (3 cm)

Perimeter = ___________

viii)

2 inches
(5 cm)
6.5 inches (16.5 cm)

Perimeter = ___________

(these answers are for the 6 free bonus pages, see page 3 for download instructions)

1.

a)
Drawings may vary slightly.
i) Area = 1 sq in (6.5 sq cm)
ii) Area = 2.56 sq in (16 sq cm)
iii) Area = 0.64 sq in (4 sq cm)
iv) Area = 2.4 sq in (15 sq cm)
v) Area = 1 sq in (6.25 sq cm)
vi) Area = 9 sq in (57.76 sq cm)

1A

2.

a)
Triangle A: Height = 20 in (50.5 cm)
Triangle B: Base = 2.5 inches (6 cm)
Triangle C: Height = 8 inches (20 cm)
Triangle D: Base = 12 inches (30 cm)
Triangle E: Base = 8 in (20 cm)
Rectangle F: Width = 3 inches (8 cm)
Rectangle G: Width = 9 in (23 cm)
Rectangle H: Length = 8 inches (20 cm)
Rectangle I: Length = 21 inches (54 cm)
Rectangle J: Width = 11 in (28 cm)

2A

3.

a)
Answers may vary. Possible coin combinations include:
1 nickel, 2 quarters;
2 nickels, 2 dimes, 1 quarter;
3 dimes, 1 quarter;
5 pennies, 5 nickels, 1 quarter

3A

4.

a)
Answers will vary.

4A

5.

a)
Answers will vary.

b)
i) 18 inches = 1.5 feet
ii) 30 cm = 300 mm
iii) 2 km = 2000 m
iv) 24 feet = 8 yards
v) 7.5 feet = 90 inches
vi) 800 mm = 80 cm

c)
i) 24 oz = 1.5 lbs
ii) 8 g = 8,000 mg
iii) 1700 mg = 0.0017 kg
iv) 5 lbs = 80 oz
v) 1.2 tons = 2,400 lbs
vi) 13.52 kg = 13,520 g

5A

6.

a)
i) 5 inches (13 cm)
ii) 10 inches (25 cm)
iii) 6.4 inches (16 cm)
iv) 14 inches (35.4 cm)
v) 7.2 inches (18 cm)
vi) 9 inches (23 cm)
vii) 4 inches (10 cm)
viii) 17 inches (43 cm)

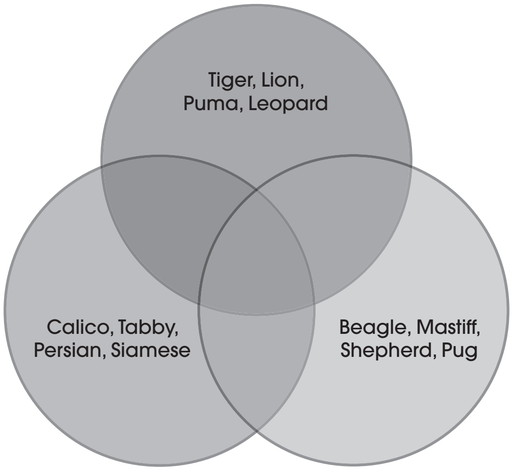
6A

NAME: ______________________________

Student Worksheet

Activity One

a) Look at the chart below, then answer the following questions.


Tiger, Lion, Puma, Leopard
Calico, Tabby, Persian, Siamese
Beagle, Mastiff, Shepherd, Pug

i) What type of chart is this? ____________________

ii) How is information used in this type of chart? ____________________

iii) What does this chart represent? ____________________

iv) Is this the right chart for this information? Why or why not? ____________________

v) What chart would you use? ____________________

vi) What was the question to get the information for this chart? ____________________

vii) What title would you use for each section? Put your titles on the chart above. ____________________

viii) Is there anything besides titles missing from this chart? ____________________

ix) Write three things you know from this chart. ____________________

x) Was this a survey or fact question to get this information? Explain. ____________________

xi) What do the words in the bottom right circle have in common? ____________________

xii) What do the words in the bottom left circle have in common? ____________________

NAME: ______________________________

Activity Two

a) The pictograph below shows the number of pizzas that were ordered for lunch by each grade of an elementary and middle school.

Pizza Ordered For Lunch ● = 2 pizzas

Kindergarten	●
Grade 1	● ● ●
Grade 2	●
Grade 3	● ● ● ● ● ●
Grade 4	● ● ● ● ● ● ● ●
Grade 5	● ● ● ● ● ● ● ● ● ●
Grade 6	● ● ● ● ●
Grade 7	● ● ● ● ● ● ● ● ●

i) What does this graph represent? ____________
ii) How many pizzas were ordered in total? ____________
iii) Which grade(s) ordered the most pizza? ____________
iv) Which grade(s) ordered the fewest pizzas? ____________
v) Which two classes ordered 24 pizzas in total? ____________
vi) How many pizzas did grade 4 order? ____________
vii) How many more pizzas did grade 3 order than grade 1? ____________
viii) If each pizza has eight slices and there is enough to serve students exactly two slices with none left over, how many students are in grade 6? ____________
ix) Which grade ordered 18 pizzas? ____________
x) Which grade ordered 6 pizzas? ____________
xi) What two grades ordered the same amount of pizzas? ____________
xii) Two grades had classes out of school on field trips. Which two grades probably had this? ____________

Activity Three

a) Elvira and Henry went ten pin bowling. Each pin is worth one point. Elvira's score was 95 and Henry's score was 90 after ten frames of bowling.

i) What is one possible combination of scores for Elvira's game? __________

ii) What is one possible combination of scores for Henry's games? __________

iii) Who has the highest score? __________

iv) Who has the lowest score? __________

v) What is the range between scores? __________

vi) What was Elvira's average score per frame of bowling? __________

vii) What was Henry's average score per frame of bowling? __________

viii) Elvira had a score of 89 before the last frame. How many pins did she knock over in that frame? __________

ix) Henry had a score of 85 before the last frame. How many pins did he knock over in that frame? __________

x) How many more pins did Elvira knock over than Henry in the game? __________

xi) How many total pins did Henry and Elvira knock over? __________

xii) What is the ratio of Elvira's score to Henry's score? __________

Activity Four

a) How much do you know about graphs and charts? Answer the following questions to see what you already know about graphs and charts.

i) The information you have collected for a graph has values from 5 to 75, what scale would you use on a bar graph?

____

ii) You have information that you wish to compare the similarities and differences, what graph or chart would you use? ____________________

iii) What graph would you use to show parts of a whole? ________________

iv) What is the title on the graph for?

____

v) What do the labels on the axes tell you about the graph?

____

vi) What kind of graph is represented in symbols? ____________________

vii) What is the term to show the difference between the smallest and the greatest numbers in a set of information? ____________________

viii) What kind of chart would you use to record how many people like something before graphing it in a bar graph? ____________________

ix) What is the term for asking people their opinion? ____________________

x) What is the definition of the median? ____________________

xi) What is data? ________________________________

xii) How is a bar graph and a line plot the same and different?

____

xiii) What is a tally mark?

____

NAME: ______________________________

Activity Five

a) Look at the chart below, then answer the following questions.

Oranges	𝍸 𝍸 𝍸 𝍸 𝍸
Peaches	𝍸 𝍸 𝍸
Watermelon	𝍸 𝍸 𝍸 𝍸 𝍸
Strawberries	𝍸 𝍸 𝍸 𝍸 𝍸 𝍸

i) What kind of graph is this? ____________________

ii) What does this graph tell you? ____________________

iii) What is missing from this graph? ____________________

iv) What can you do with the information now? ____________________

v) What questions were probably asked to get this information? ____________________

vi) Suppose the surveyor asked students to list favorite fruits. What was the most liked fruit? ____________________

vii) Suppose the surveyor asked students to list favorite fruits. What was the least liked fruit? ____________________

viii) How many more people like strawberries than peaches? ____________________

ix) How many more people like watermelon than peaches? ____________________

x) What two fruits were liked equally? ____________________

xi) How many total people were surveyed for this chart? ____________________

xii) What is the ratio of people who liked strawberries to people who liked oranges? ____________________

NAME: ______________________________

Student Worksheet

Activity Six

a) Answer the following questions in complete sentences to help you gather information to conduct a survey.

i) How do you conduct a survey? List the steps.

____

ii) What do you do after a survey? List the steps.

____

iii) How do you decide on what type of graph to use and why?

____

iv) What four questions would be good questions to ask your class and why?

____

v) Did you ask the same questions as a classmate? Why or why not?

____

vi) How does using a graph solve a problem?

____

vii) What word problem can you create that involves making a graph?

____

viii) What kinds of graphs are used on the internet to provide information?

____

ix) What mistakes can be made when making a graph that would make information harder to understand?

____

x) What programs can you use on the computer to assist you in creating a graph?

____

xi) What is the most important part of a graph? Compare your answer with your classmates.

____

xii) Why might someone want to collect data about the kind of shoes kids wear? Explain.

____

xiii) If a restaurant did a survey of your class, what do you think their question might be? Why?

____

(these answers are for the 6 free bonus pages, see page 3 for download instructions)

1.

a)
i) Venn Diagram
ii) Compare and Contrast
iii) Categories of Animals
iv) Answers may vary.
v) Answers may vary.
vi) How would you group these animals?
vii) Wild Cats, Dogs, House Cats
viii) Answers may vary.
ix) Answers may vary.
x) Fact
xi) Types of Dogs
xii) Types of Cats

1A

2.

a)
i) Pizza Orders
ii) 86 pizzas
iii) Grade 5
iv) Kindergarten and Grade 2
v) Grade 1 and 7
vi) 16 pizzas
vii) 6 pizzas
viii) 40 students
ix) Grade 7
x) Grade 1
xi) Kindergarten and Grade 2
xii) Kindergarten and Grade 2

2A

3.

a)
i) Answers will vary. Possible answer: 10, 10, 10, 10, 10, 9, 9, 9, 9, 9
ii) Answers will vary. Possible answer: 10, 10, 10, 10, 10, 9, 9, 8, 8, 6
iii) Elvira
iv) Henry
v) 5
vi) 9.5
vii) 9
viii) 6 pins
ix) 5 pins
x) 5 more pins
xi) 185 pins
xii) 95:90

3A

4.

a)
Answers will vary. This assessment is a strong gauge of how well students understand and can self-explain basic facts of data analysis and probability.

4A

5.

a)
i) Tally Chart
ii) Favorite Fruits
iii) Title
iv) Compare numbers.
v) Answers will vary.
vi) Strawberries
vii) Peaches
viii) 15 people
ix) 10 people
x) Oranges and Watermelon
xi) 95 people
xii) 30:25 or 6:5

5A

6.

a)
Answers will vary. This assessment is a strong gauge of how well students understand and can self-explain basic facts of data analysis and probability.

6A

Publication Listing

SOCIAL STUDIES - Books

ITEM #	TITLE
	DAILY LIFE SKILLS SERIES
CC5790	Daily Marketplace Skills Gr. 6-12
CC5791	Daily Social & Workplace Skills Gr. 6-12
CC5792	Daily Health & Hygiene Skills Gr. 6-12
CC5793	Daily Life Skills Big Book Gr. 6-12
	21ST CENTURY SKILLS SERIES
CC5794	Learning Problem Solving Gr. 3-8
CC5795	Learning Communication & Teamwork Gr. 3-8
CC5796	Learning Skills for Global Competency Gr. 3-8
CC5797	Learning to Learn Big Book Gr. 3-8
	MAPPING SKILLS SERIES
CC5786	Gr. PK-2 Mapping Skills with Google Earth
CC5787	Gr. 3-5 Mapping Skills with Google Earth
CC5788	Gr. 6-8 Mapping Skills with Google Earth
CC5789	Gr. PK-8 Mapping Skills with Google Earth Big Book
	NORTH AMERICAN GOVERNMENTS SERIES
CC5757	American Government Gr. 5-8
CC5758	Canadian Government Gr. 5-8
CC5759	Mexican Government Gr. 5-8
CC5760	Governments of North America Big Book Gr. 5-8
	WORLD GOVERNMENTS SERIES
CC5761	World Political Leaders Gr. 5-8
CC5762	World Electoral Processes Gr. 5-8
CC5763	Capitalism vs. Communism Gr. 5-8
CC5777	World Politics Big Book Gr. 5-8
	WORLD CONFLICT SERIES
CC5511	American Revolutionary War Gr. 5-8
CC5500	American Civil War Gr. 5-8
CC5512	American Wars Big Book Gr. 5-8
CC5501	World War I Gr. 5-8
CC5502	World War II Gr. 5-8
CC5503	World Wars I & II Big Book Gr. 5-8
CC5505	Korean War Gr. 5-8
CC5506	Vietnam War Gr. 5-8
CC5507	Korean & Vietnam Wars Big Book Gr. 5-8
CC5508	Persian Gulf War (1990-1991) Gr. 5-8
CC5509	Iraq War (2003-2010) Gr. 5-8
CC5510	Gulf Wars Big Book Gr. 5-8
	WORLD CONTINENTS SERIES
CC5750	North America Gr. 5-8
CC5751	South America Gr. 5-8
CC5768	The Americas Big Book Gr. 5-8
CC5752	Europe Gr. 5-8
CC5753	Africa Gr. 5-8
CC5754	Asia Gr. 5-8
CC5755	Australia Gr. 5-8
CC5756	Antarctica Gr. 5-8
	WORLD CONNECTIONS SERIES
CC5782	Culture, Society & Globalization Gr. 5-8
CC5783	Economy & Globalization Gr. 5-8
CC5784	Technology & Globalization Gr. 5-8
CC5785	Globalization Big Book Gr. 5-8

SOCIAL STUDIES - Software

ITEM #	TITLE
	MAPPING SKILLS SERIES
CC7770	Gr. PK-2 Mapping Skills with Google Earth
CC7771	Gr. 3-5 Mapping Skills with Google Earth
CC7772	Gr. 6-8 Mapping Skills with Google Earth
CC7773	Gr. PK-8 Mapping Skills with Google Earth Big Box

SCIENCE - Software

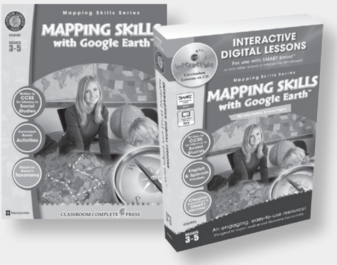
ITEM #	TITLE
	SPACE AND BEYOND SERIES
CC7557	Solar System Gr. 5-8
CC7558	Galaxies & the Universe Gr. 5-8
CC7559	Travel & Technology Gr. 5-8
CC7560	Space Big Box Gr. 5-8
	HUMAN BODY SERIES
CC7549	Cells, Skeletal & Muscular Systems Gr. 5-8
CC7550	Senses, Nervous & Respiratory Systems Gr. 5-8
CC7551	Circulatory, Digestive & Reproductive Systems Gr. 5-8
CC7552	Human Body Big Box Gr. 5-8
	FORCE, MOTION & SIMPLE MACHINES SERIES
CC7553	Force Gr. 3-8
CC7554	Motion Gr. 3-8
CC7555	Simple Machines Gr. 3-8
CC7556	Force, Motion & Simple Machines Big Box Gr. 3-8

ENVIRONMENTAL STUDIES - Software

ITEM #	TITLE
	CLIMATE CHANGE SERIES
CC7747	Global Warming: Causes Gr. 3-8
CC7748	Global Warming: Effects Gr. 3-8
CC7749	Global Warming: Reduction Gr. 3-8
CC7750	Global Warming Big Box Gr. 3-8

LANGUAGE ARTS - Software

ITEM #	TITLE
CC7112	Word Families - Short Vowels Gr. PK-2
CC7113	Word Families - Long Vowels Gr. PK-2
CC7114	Word Families - Vowels Big Box Gr. PK-2
CC7100	High Frequency Sight Words Gr. PK-2
CC7101	High Frequency Picture Words Gr. PK-2
CC7102	Sight & Picture Words Big Box Gr. PK-2
CC7104	How to Write a Paragraph Gr. 3-8
CC7105	How to Write a Book Report Gr. 3-8
CC7106	How to Write an Essay Gr. 3-8
CC7107	Master Writing Big Box Gr. 3-8
CC7108	Reading Comprehension Gr. 5-8
CC7109	Literary Devices Gr. 5-8
CC7110	Critical Thinking Gr. 5-8
CC7111	Master Reading Big Box Gr. 5-8


Mapping Skills Series
MAPPING SKILLS with Google Earth
INTERACTIVE DIGITAL LESSONS
MAPPING SKILLS with Google Earth
CLASSROOM COMPLETE PRESS

SCIENCE - Books

ITEM #	TITLE
	HANDS-ON STEAM SCIENCE SERIES
CC4100	Physical Science Gr. 1-5
CC4101	Life Science Gr. 1-5
CC4102	Earth & Space Science Gr. 1-5
CC4103	Hands-On Science Big Book Gr. 1-5
	ECOLOGY & THE ENVIRONMENT SERIES
CC4500	Ecosystems Gr. 5-8
CC4501	Classification & Adaptation Gr. 5-8
CC4502	Cells Gr. 5-8
CC4503	Ecology & The Environment Big Book Gr. 5-8
	MATTER & ENERGY SERIES
CC4504	Properties of Matter Gr. 5-8
CC4505	Atoms, Molecules & Elements Gr. 5-8
CC4506	Energy Gr. 5-8
CC4507	The Nature of Matter Big Book Gr. 5-8
	FORCE & MOTION SERIES
CC4508	Force Gr. 5-8
CC4509	Motion Gr. 5-8
CC4510	Simple Machines Gr. 5-8
CC4511	Force, Motion & Simple Machines Big Book Gr. 5-8
	SPACE & BEYOND SERIES
CC4512	Solar System Gr. 5-8
CC4513	Galaxies & The Universe Gr. 5-8
CC4514	Travel & Technology Gr. 5-8
CC4515	Space Big Book Gr. 5-8
	HUMAN BODY SERIES
CC4516	Cells, Skeletal & Muscular Systems Gr. 5-8
CC4517	Senses, Nervous & Respiratory Systems Gr. 5-8
CC4518	Circulatory, Digestive & Reproductive Systems Gr. 5-8
CC4519	Human Body Big Book Gr. 5-8

ENVIRONMENTAL STUDIES - Books

ITEM #	TITLE
	MANAGING OUR WASTE SERIES
CC5764	Waste: At the Source Gr. 5-8
CC5765	Prevention, Recycling & Conservation Gr. 5-8
CC5766	Waste: The Global View Gr. 5-8
CC5767	Waste Management Big Book Gr. 5-8
	CLIMATE CHANGE SERIES
CC5769	Global Warming: Causes Gr. 5-8
CC5770	Global Warming: Effects Gr. 5-8
CC5771	Global Warming: Reduction Gr. 5-8
CC5772	Global Warming Big Book Gr. 5-8
	GLOBAL WATER SERIES
CC5773	Conservation: Fresh Water Resources Gr. 5-8
CC5774	Conservation: Ocean Water Resources Gr. 5-8
CC5775	Conservation: Waterway Habitat Resources Gr. 5-8
CC5776	Water Conservation Big Book Gr. 5-8
	CARBON FOOTPRINT SERIES
CC5778	Reducing Your Own Carbon Footprint Gr. 5-8
CC5779	Reducing Your School's Carbon Footprint Gr. 5-8
CC5780	Reducing Your Community's Carbon Footprint Gr. 5-8
CC5781	Carbon Footprint Big Book Gr. 5-8

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LITERATURE KITS™ - Books

ITEM #	TITLE
	GRADES 1-2
CC2100	Curious George (H. A. Rey)
CC2101	Paper Bag Princess (Robert N. Munsch)
CC2102	Stone Soup (Marcia Brown)
CC2103	The Very Hungry Caterpillar (Eric Carle)
CC2104	Where the Wild Things Are (Maurice Sendak)
	GRADES 3-4
CC2300	Babe: The Gallant Pig (Dick King-Smith)
CC2301	Because of Winn-Dixie (Kate DiCamillo)
CC2302	The Tale of Despereaux (Kate DiCamillo)
CC2303	James and the Giant Peach (Roald Dahl)
CC2304	Ramona Quimby, Age 8 (Beverly Cleary)
CC2305	The Mouse and the Motorcycle (Beverly Cleary)
CC2306	Charlotte's Web (E.B. White)
CC2307	Owls in the Family (Farley Mowat)
CC2308	Sarah, Plain and Tall (Patricia MacLachlan)
CC2309	Matilda (Roald Dahl)
CC2310	Charlie & The Chocolate Factory (Roald Dahl)
CC2311	Frindle (Andrew Clements)
CC2312	M.C. Higgins, the Great (Virginia Hamilton)
CC2313	The Family Under The Bridge (N.S. Carlson)
CC2314	The Hundred Penny Box (Sharon Mathis)
CC2315	Cricket in Times Square (George Selden)
CC2316	Fantastic Mr Fox (Roald Dahl)
CC2317	The Hundred Dresses (Eleanor Estes)
CC2318	The War with Grandpa (Robert Kimmel Smith)
CC2320	The Chocolate Touch (Patrick Skene Catling)
	GRADES 5-6
CC2500	Black Beauty (Anna Sewell)
CC2501	Bridge to Terabithia (Katherine Paterson)
CC2502	Bud, Not Buddy (Christopher Paul Curtis)
CC2503	The Egypt Game (Zilpha Keatley Snyder)
CC2504	The Great Gilly Hopkins (Katherine Paterson)
CC2505	Holes (Louis Sachar)
CC2506	Number the Stars (Lois Lowry)
CC2507	The Sign of the Beaver (E.G. Speare)
CC2508	The Whipping Boy (Sid Fleischman)
CC2509	Island of the Blue Dolphins (Scott O'Dell)
CC2510	Underground to Canada (Barbara Smucker)
CC2511	Loser (Jerry Spinelli)
CC2512	The Higher Power of Lucky (Susan Patron)
CC2513	Kira-Kira (Cynthia Kadohata)
CC2514	Dear Mr. Henshaw (Beverly Cleary)
CC2515	The Summer of the Swans (Betsy Byars)
CC2516	Shiloh (Phyllis Reynolds Naylor)
CC2517	A Single Shard (Linda Sue Park)
CC2518	Hoot (Carl Hiaasen)
CC2519	Hatchet (Gary Paulsen)
CC2520	The Giver (Lois Lowry)
CC2521	The Graveyard Book (Neil Gaiman)
CC2522	The View From Saturday (E.L. Konigsburg)
CC2523	Hattie Big Sky (Kirby Larson)
CC2524	When You Reach Me (Rebecca Stead)
CC2525	Criss Cross (Lynne Rae Perkins)
CC2526	A Year Down Yonder (Richard Peck)
CC2527	Maniac Magee (Jerry Spinelli)

LITERATURE KITS™ - Books

ITEM #	TITLE
CC2528	From the Mixed-Up Files of Mrs. Basil E. Frankweiler (E.L. Konigsburg)
CC2529	Sing Down the Moon (Scott O'Dell)
CC2530	The Phantom Tollbooth (Norton Juster)
CC2531	Gregor the Overlander (Suzanne Collins)
CC2532	Through the Looking-Glass (Lewis Carroll)
CC2533	Wonder (R.J. Palacio)
CC2534	Freak the Mighty (Rodman Philbrick)
CC2535	Tuck Everlasting (Natalie Babbitt)
	GRADES 7-8
CC2700	Cheaper by the Dozen (Frank B. Gilbreth)
CC2701	The Miracle Worker (William Gibson)
CC2702	The Red Pony (John Steinbeck)
CC2703	Treasure Island (Robert Louis Stevenson)
CC2704	Romeo & Juliet (William Shakespeare)
CC2705	Crispin: The Cross of Lead (Avi)
CC2706	Call It Courage (Armstrong Sperry)
CC2707	The Boy in the Striped Pajamas (John Boyne)
CC2708	The Westing Game (Ellen Raskin)
CC2709	The Cay (Theodore Taylor)
CC2710	The Hunger Games (Suzanne Collins)
CC2712	The Pearl (John Steinbeck)
	GRADES 9-12
CC2001	To Kill A Mockingbird (Harper Lee)
CC2002	Angela's Ashes (Frank McCourt)
CC2003	The Grapes of Wrath (John Steinbeck)
CC2004	The Good Earth (Pearl S. Buck)
CC2005	The Road (Cormac McCarthy)
CC2006	The Old Man and the Sea (Ernest Hemingway)
CC2007	Lord of the Flies (William Golding)
CC2008	The Color Purple (Alice Walker)
CC2009	The Outsiders (S.E. Hinton)
CC2010	Hamlet (William Shakespeare)
CC2011	The Great Gatsby (F. Scott Fitzgerald)
CC2012	The Adventures of Huckleberry Finn (Mark Twain)
CC2013	Macbeth (William Shakespeare)
CC2014	Fahrenheit 451 (Ray Bradbury)
CC2015	The Crucible (Arthur Miller)
CC2016	Of Mice and Men (John Steinbeck)
CC2017	Divergent (Veronica Roth)

LANGUAGE ARTS - Books

CC1110	Word Families - Short Vowels Gr. K-1
CC1111	Word Families - Long Vowels Gr. K-1
CC1112	Word Families - Vowels Big Book Gr. K-1
CC1113	High Frequency Sight Words Gr. K-1
CC1114	High Frequency Picture Words Gr. K-1
CC1115	Sight & Picture Words Big Book Gr. K-1
CC1100	How to Write a Paragraph Gr. 5-8
CC1101	How to Write a Book Report Gr. 5-8
CC1102	How to Write an Essay Gr. 5-8
CC1103	Master Writing Big Book Gr. 5-8
CC1116	Reading Comprehension Gr. 5-8
CC1117	Literary Devices Gr. 5-8
CC1118	Critical Thinking Gr. 5-8
CC1119	Master Reading Big Book Gr. 5-8
CC1106	Reading Response Forms: Gr. 1-2
CC1107	Reading Response Forms: Gr. 3-4
CC1108	Reading Response Forms: Gr. 5-6
CC1109	Reading Response Forms Big Book: Gr. 1-6

MATHEMATICS - Software

ITEM #	TITLE
	PRINCIPLES & STANDARDS OF MATH SERIES
CC7315	Gr. PK-2 Five Strands of Math Big Box
CC7316	Gr. 3-5 Five Strands of Math Big Box
CC7317	Gr. 6-8 Five Strands of Math Big Box

MATHEMATICS - Books

	TASK SHEETS
CC3100	Gr. PK-2 Number & Operations Task Sheets
CC3101	Gr. PK-2 Algebra Task Sheets
CC3102	Gr. PK-2 Geometry Task Sheets
CC3103	Gr. PK-2 Measurement Task Sheets
CC3104	Gr. PK-2 Data Analysis & Probability Task Sheets
CC3105	Gr. PK-2 Five Strands of Math Big Book Task Sheets
CC3106	Gr. 3-5 Number & Operations Task Sheets
CC3107	Gr. 3-5 Algebra Task Sheets
CC3108	Gr. 3-5 Geometry Task Sheets
CC3109	Gr. 3-5 Measurement Task Sheets
CC3110	Gr. 3-5 Data Analysis & Probability Task Sheets
CC3111	Gr. 3-5 Five Strands of Math Big Book Task Sheets
CC3112	Gr. 6-8 Number & Operations Task Sheets
CC3113	Gr. 6-8 Algebra Task Sheets
CC3114	Gr. 6-8 Geometry Task Sheets
CC3115	Gr. 6-8 Measurement Task Sheets
CC3116	Gr. 6-8 Data Analysis & Probability Task Sheets
CC3117	Gr. 6-8 Five Strands of Math Big Book Task Sheets
	DRILL SHEETS
CC3200	Gr. PK-2 Number & Operations Drill Sheets
CC3201	Gr. PK-2 Algebra Drill Sheets
CC3202	Gr. PK-2 Geometry Drill Sheets
CC3203	Gr. PK-2 Measurement Drill Sheets
CC3204	Gr. PK-2 Data Analysis & Probability Drill Sheets
CC3205	Gr. PK-2 Five Strands of Math Big Book Drill Sheets
CC3206	Gr. 3-5 Number & Operations Drill Sheets
CC3207	Gr. 3-5 Algebra Drill Sheets
CC3208	Gr. 3-5 Geometry Drill Sheets
CC3209	Gr. 3-5 Measurement Drill Sheets
CC3210	Gr. 3-5 Data Analysis & Probability Drill Sheets
CC3211	Gr. 3-5 Five Strands of Math Big Book Drill Sheets
CC3212	Gr. 6-8 Number & Operations Drill Sheets
CC3213	Gr. 6-8 Algebra Drill Sheets
CC3214	Gr. 6-8 Geometry Drill Sheets
CC3215	Gr. 6-8 Measurement Drill Sheets
CC3216	Gr. 6-8 Data Analysis & Probability Drill Sheets
CC3217	Gr. 6-8 Five Strands of Math Big Book Drill Sheets
	TASK & DRILL SHEETS
CC3300	Gr. PK-2 Number & Operations Task & Drill Sheets
CC3301	Gr. PK-2 Algebra Task & Drill Sheets
CC3302	Gr. PK-2 Geometry Task & Drill Sheets
CC3303	Gr. PK-2 Measurement Task & Drill Sheets
CC3304	Gr. PK-2 Data Analysis & Probability Task & Drills
CC3306	Gr. 3-5 Number & Operations Task & Drill Sheets
CC3307	Gr. 3-5 Algebra Task & Drill Sheets
CC3308	Gr. 3-5 Geometry Task & Drill Sheets
CC3309	Gr. 3-5 Measurement Task & Drill Sheets
CC3310	Gr. 3-5 Data Analysis & Probability Task & Drills
CC3312	Gr. 6-8 Number & Operations Task & Drill Sheets
CC3313	Gr. 6-8 Algebra Task & Drill Sheets
CC3314	Gr. 6-8 Geometry Task & Drill Sheets
CC3315	Gr. 6-8 Measurement Task & Drill Sheets
CC3316	Gr. 6-8 Data Analysis & Probability Task & Drills