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1a) List the following numbers in order from greatest to least. Ex: 1.2, 0.12, 12.1 = 12.1, 1.2, 0.12

- i) 2.250, 12.50, 0.225, 225.0 _____
 ii) 23 101, 23 011, 32 211, 31 021 _____



b) Write the following numbers in words. Ex: 201 = two hundred one

- i) 97 204 = _____
 ii) 106 597 = _____
 iii) 325 193 = _____

c) Find the value of each percent. Ex: 10% of 60 = $60 \times 0.10 = 6$

- i) 75% of 36 _____
 ii) 20% of 85 _____

d) What fractions are shaded? Ex: $\frac{1}{2}$

- i) = _____
 ii) = _____

e) What is the place value of the underlined digit? Ex: 123 = tens

- i) 4567 = _____
 ii) 345.78 = _____

Reflection

	Pizza	Drink	
Caleb	\$3.29	\$2.56	Caleb, Isaac, Hope and Ella each bought a pizza slice and drink. Their choices are shown in the accompanying box. Which person should receive change of about \$3.00 from \$10.00?
Isaac	\$4.25	\$2.80	
Hope	\$4.19	\$1.99	
Ella	\$2.79	\$1.49	

10a) Evaluate each algebraic expression with the given values.

- i) $9y + x$; where $x = 9$, and $y = 8$ _____
 ii) $k4 + m$; where $k = 7$, and $m = 14$ _____
 iii) $st - 17$; where $s = 9$, and $t = 10$ _____
 iv) $12(y - x)$; where $x = 8$, and $y = 12$ _____



b) Solve each equation for the variable given.

- i) $11a = 143$, $a =$ _____
 ii) $7b = 105$, $b =$ _____
 iii) $4c = 112$, $c =$ _____
 iv) $9d = 198$, $d =$ _____

c) Complete the following patterns.

- i) -9, -20, -31, _____, _____
 ii) 16, 4, -8, _____, _____

d) Solve:

- i) $a + 7 = 9$
 ii) $7 \times b = 21$
 iii) $11 + c = 19$
 iv) $-5.6 + d = 12$
 v) $8 - (-e) = 23$
 vi) $7 + f - 1 = 32$
 vii) $g + 1.08 = 2.22$
 viii) $h + 6.0 = 4.1 - 3.9$
 ix) $3i + 8 = 17$

Reflection

A membership at the local fitness center costs \$66.50 per month, plus \$15 for each session with a personal trainer. Write an expression to determine the cost of going to the fitness center for x number of sessions.



2a) Identify the angles as acute, right, or obtuse.

Ex: acute

i) _____
 ii) _____
 iii) _____

iv) _____
 v) _____
 vi) _____
 vii) _____

viii) _____
 ix) _____
 x) _____
 xi) _____

xii) _____
 xiii) _____
 xiv) _____
 xv) _____

xvi) _____
 xvii) _____
 xviii) _____
 xix) _____

Reflection

Look around the room. Identify the type of angles (acute, right, obtuse) you see. Which angle are the most common? Why?



9a) Listed below in the first column are the formulas that are used to determine the area, surface area, or perimeter of different shapes. Write the shape that each formula represents in the second column. Then, using a ruler, draw a sample of each shape using inches or centimeters. Determine the area or perimeter for each shape you draw.

Formula	Shape it may represent	Sample Shape	Area	Perimeter
Ex: $P = 4 \text{ side}$	Square		$A = s^2$ $A = (0.8 \text{ in} / 2 \text{ cm})^2$ $A = 0.64 \text{ sq. in} / 4 \text{ sq. cm}$	$P = 4 (0.8 \text{ in} / 2 \text{ cm})$ $P = 3.2 \text{ in} / 8 \text{ cm}$
i) $A = \frac{1}{2} b \times h$				
ii) $P = 3s$				
iii) $A = l \times w$				
iv) $P = 5s$				
v) $A = \pi r^2$				
vi) $P = 2l + 2w$				
vii) $A = s^2$				
viii) $P = 6s$				
ix) $A = 6a^2$				



Review C

a) Convert the following measurements.

- i) 18.3 yd = _____ ft ii) 1.28 cm = _____ mm iii) 0.25 tons = _____ lbs
 iv) 1.025 m = _____ mm v) 198 oz = _____ lbs vi) 7.5 g = _____ kg
 vii) 144 qt = _____ gal viii) 1.25 km = _____ cm ix) 40.3 ft = _____ in
 x) 27.55 kg = _____ g xi) 24.5 ft = _____ yds xii) 4.25 km = _____ m
 xiii) 25.25 g = _____ mg xiv) 8.25 ft = _____ in xv) 0.028 kl = _____ L

b) Answer the following quick measurement questions.

- i) Steven measured the length of time it took for a science experiment to be completed. After three trials, his times were 18.25 seconds, 16.75 seconds, and 15.27 seconds. What was the average time for the experiments to be completed?


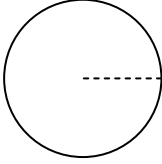
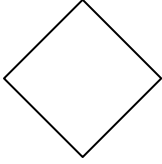
- ii) A parallelogram has an area of 4.2 sq. in (27 sq. cm). What are two possible base and height measurements?

- iii) Diego rode a bike for three consecutive days. He averaged 25.25 miles (40.6 km) each day. How many total feet (meters) had he traveled after three days?

- iv) A rectangular box has a length of 3 inches (8 cm), a width of 2 inches (5 cm), and a height of 0.8 inches (2 cm). What is the surface area?

- v) The radius of a circle is 5 inches (12.5 cm). What is the area of the circle?

c) Use a ruler to measure the objects below. Find the area, perimeter and circumference for each object.

i)  ii)  iii) 

Area = _____ Area = _____ Area = _____
 Perimeter = _____ Circumference = _____ Perimeter = _____



Review B

a) What is the number 10 000 before the following:

i)	80 252	_____
ii)	952 873.6	_____

b) Multiply the following.

i) 5902×245 ii) $\$53.90 \times 376$ iii) 765.1×23.5 iv) 56.01×3.7

_____ _____ _____ _____

c) Calculate the mean, median and mode for the following list of numbers.

390, 440, 280, 782, 440, 336, 146

Mean	_____
Median	_____
Mode	_____

d) Record the following number in the accompanying place value chart. 29 064.013

Ten Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

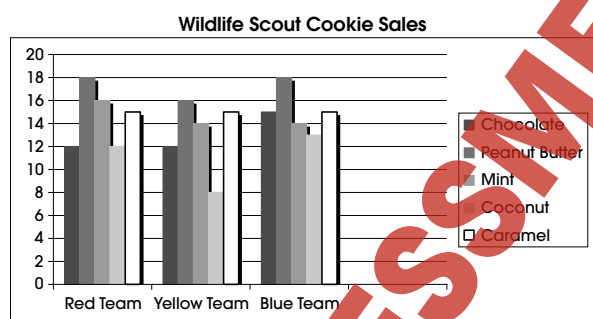
e) Solve the following.

- i) $1/3 \times 4/5 =$ ii) $7/8 \div 1/4 =$
 iii) $7 \times 1/5 \times 2/7 =$ iv) $2/3 \div 1/8 \times 1/2 =$
 v) $6.2 \times 10^2 =$ vi) $0.002 \times 10^3 =$



Review C

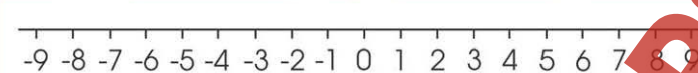
a) The following column chart shows the number of boxes of each type of cookie sold for three different groups at the Wildlife Scout cookie sale.



- i) How many total cookie sales did the Red Team have? _____
 ii) How many total cookie sales did the Yellow Team have? _____
 iii) How many total cookie sales did the Blue Team have? _____
 iv) Forty percent of the cookie sales for the Blue Team were for which two cookies? _____
 v) Thirty four cookie sales for the Red Team were which two varieties? _____
 vi) The Yellow Team had twice as many Peanut Butter cookie sales as sales of which cookie? _____
 vii) The Yellow Team and Red Team both had 12 of which cookie sales? _____
 viii) The three teams had equal sales for which type of cookie? _____
 ix) The Red Team had an equal number of which cookies sold? _____
 x) The Blue Team has a 1:1 ratio in which two cookie sales? _____
 xi) What is the ratio in Mint Cookie sales between the Yellow Team and Blue Team? _____
 xii) Twenty percent more of which cookies were sold by the Red Team than Caramel cookies? _____
 xiii) Which team had the smallest number of sales for one type of cookie? _____
 xiv) What is the ratio of Peanut Butter sales to Chocolate sales for the red team? _____
 xv) There is one less total sales of which cookies than there were total sales of Caramel cookies for all three teams? _____
 xvi) What is the average number of Chocolate cookie sales for all three teams? _____

Graphing, Values, Patterning, Algebraic Expressions, Quotients

a) Graph the following on the accompanying number line: _____



b) Find the value of y x _____ if:

i) $y =$ _____ ii) $y =$ _____ iii) $y =$ _____

c) What is the _____ figure in this pattern?



d) Write an algebraic expression for each phrase:

- i) _____ times a number = _____
 ii) A number decreased by _____ = _____

e) Complete the following patterns:

- i) 17, _____
 ii) _____, -23, _____

f) Find each Quotient.

- i) $6 \div$ _____ = _____ ii) _____ \div _____ = _____ iii) _____ \div _____ = _____

NAME: _____

Timed Drill Sheet # 2



3a) Using the numbers in the centre column below, give numbers that are one thousand more and one hundred less.
Ex: 450 500 1550

Least Common Multiple (LCM)

2 and 9
2, 4, 6, 8, 10, 12, 14, 16, 18, 20
9, 18, 27, 36, 45, 54, 63, 72, 81, 90

3 and 7
3, 6, 9, 12, 15, 18, 21, 24, 27, 30
7, 14, 21, 28, 35, 42, 49, 56, 63, 70

	100 Less		1000 More
i)		752 609	
ii)		36 268	
iii)		905 992	
iv)		3 168 443	

b) Calculate the mean, the median and the mode for the following:

Ex: 12, 20, 22, 23, 23 Mean = the average = 20 Median = the middle value = 22
Mode = the repeated value = 23

- i) 62, 88, 44, 71, 62, 68, 81 Mean = _____ Median = _____ Mode = _____
ii) 14, 33, 96, 33, 39, 47, 88 Mean = _____ Median = _____ Mode = _____

c) Solve the following. Ex: $2^3 = 2 \times 2 \times 2 = 8$

- i) $5^2 =$ ii) $7^2 =$ iii) $4^3 =$ iv) $12^3 =$

d) Reduce the following fractions to their simplest forms.

Ex: $\frac{4}{8} = \frac{(4 \div 4)}{(8 \div 4)} = \frac{1}{2}$

- i) $\frac{4}{16} =$ ii) $\frac{9}{27} =$ iii) $\frac{3}{10} =$ iv) $\frac{60}{100} =$

e) Compare the following sets of decimals by writing greater than (>), less than (<), or equal to (=) in the box.

- i) 6.7 6.07 ii) 0.09 0.90 iii) 142.010 142.01 iv) .051 .51

f) Find the least common multiple (LCM) of the following numbers.

Ex: 2 and 4 = 4 2 = 2, 4, 6, 8, ... 4 = 4, 8, 12, 16, ...

- i) 5 and 8 = ii) 4 and 6 =

g) List the following rational numbers in order from least to greatest.

- 0.8 3.1 $3\frac{1}{2}$ 90% $\frac{7}{10}$ _____

<p>3.</p> <p>a) i) 752 509, 753 609 ii) 36 168, 37 268 iii) 905 892, 906 992 iv) 3 168 343, 3 169 443</p> <p>b) i) Mean = 68 Median = 68 Mode = 62 ii) Mean = 50 Median = 39 Mode = 33</p> <p>c) i) 25 ii) 49 iii) 64 iv) 1728</p> <p>d) i) $\frac{174}{3}$ ii) $\frac{1}{3}$ iii) $\frac{3}{10}$ iv) $\frac{3}{5}$</p> <p>e) i) > ii) < iii) = iv) <</p> <p>f) i) 40 ii) 12</p> <p>g) $\frac{7}{10}$, 0.8, 90%, 3.1, $3\frac{1}{2}$</p>	<p>4.</p> <p>a) i) 20% ii) 30% iii) 40% iv) 10%</p> <p>b) -26, -13, -6, -1, 9, 26, 131</p> <p>c) ii. $\frac{1}{3}$</p> <p>d) NO</p> <p>e) i) 67 561 ii) 892 518.5 iii) 10 862 663</p> <p>f) i) \$1276.80 ii) \$1493.40</p> <p>g) 1 999 999</p> <p>h) i) 43 294 ii) 76 043 iii) 7.7</p>	<p>5.</p> <p>a) i) 27 ii) 19.04 iii) 41 iv) 379 990 v) 619 600 vi) 246 357 vii) 421 008</p> <p>b) i. $8 \times 4 = 32, 4 \times 8 = 32,$ $32 \div 8 = 4, 32 \div 4 = 8$</p> <p>c) $8 \times 4 = 32, 4 \times 8 = 32,$ $32 \div 8 = 4, 32 \div 4 = 8$</p> <p>d) i) 12% ii) 85% iii) 60% iv) 33%</p> <p>e) i) 7493 ii) 4196</p> <p>f) $\frac{6}{5}, \frac{5}{4}, \frac{3}{2}$</p>	<p>6.</p> <p>a) i) > ii) =</p> <p>b) i) 79 ii) 258</p> <p>c) iii.</p> <p>d) iv.</p> <p>e) i) 3 ii) 16 iii) 180 iv) 81</p> <p>f) i) tenths ii) ten thousands</p> <p>g) i) $8000 + 100 + 30 + 6$ ii) $10\,000 + 2000 + 600 + 90 + 7$</p> <p>h) i) 15 ii) 30 iii) 30</p>
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EASY MARKING ANSWER KEY

