

# Contents



## TEACHER GUIDE

- NCTM Content Standards Assessment Rubric ..... 6
- How Is Our Resource Organized? ..... 11
- The NCTM Principles & Standards..... 12



## STUDENT HANDOUTS

### Number and Operations – Drill Sheets

- Exercises – Practice the Skills Learned
  - Warm-Up Drill 1..... 13
  - Timed Drill 1 (3 minutes)..... 14
  - Timed Drill 2 (3 minutes)..... 15
  - Warm-Up Drill 2..... 16
  - Timed Drill 3 (4 minutes)..... 17
  - Timed Drill 4 (4 minutes)..... 18
  - Warm-Up Drill 3..... 19
  - Timed Drill 5 (3 minutes)..... 20
  - Timed Drill 6 (3 minutes)..... 21
  - Warm-Up Drill 4..... 22
  - Timed Drill 7 (2 minutes)..... 23
  - Timed Drill 8 (2 minutes)..... 24
  - Warm-Up Drill 5..... 25
  - Timed Drill 9 (2 minutes)..... 26
  - Warm-Up Drill 6..... 27
  - Timed Drill 10 (2 minutes)..... 28
  - Timed Drill 11 (2 minutes)..... 29
- Review ..... 30

### Algebra – Drill Sheets

- Exercises – Practice the Skills Learned
  - Warm-Up Drill 1..... 33
  - Timed Drill 1 (3 minutes)..... 34
  - Timed Drill 2 (2 minutes)..... 35
  - Warm-Up Drill 2..... 36
  - Timed Drill 3 (2 minutes)..... 37
  - Timed Drill 4 (2 minutes)..... 38
  - Warm-Up Drill 3..... 39
  - Timed Drill 5 (2 minutes)..... 40
  - Timed Drill 6 (2 minutes)..... 41
  - Warm-Up Drill 4..... 42
  - Timed Drill 7 (2 minutes)..... 43
  - Timed Drill 8 (2 minutes)..... 44
  - Warm-Up Drill 5..... 45
  - Timed Drill 9 (2 minutes)..... 46
  - Warm-Up Drill 6..... 47
  - Timed Drill 10 (2 minutes)..... 48
  - Timed Drill 11 (2 minutes)..... 49
- Review ..... 50

### Geometry – Drill Sheets

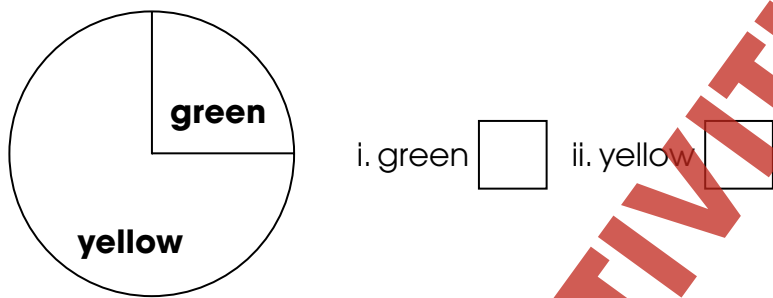
- Exercises – Practice the Skills Learned
  - Warm-Up Drill 1..... 53
  - Timed Drill 1 (3 minutes)..... 54
  - Timed Drill 2 (2 minutes)..... 55
  - Warm-Up Drill 2..... 56
  - Timed Drill 3 (3 minutes)..... 57
  - Timed Drill 4 (5 minutes)..... 58
  - Warm-Up Drill 3..... 59

# Contents

Timed Drill 5 (5 minutes).....	60
Timed Drill 6 (5 minutes).....	61
Warm-Up Drill 4.....	62
Timed Drill 7 (4 minutes).....	63
Timed Drill 8 (4 minutes).....	64
Warm-Up Drill 5.....	65
Timed Drill 9 (3 minutes).....	66
Warm-Up Drill 6.....	67
Timed Drill 10 (4 minutes).....	68
Timed Drill 11 (2 minutes).....	69
• Review .....	70
<b>Measurement – Drill Sheets</b>	
• Exercises – Practice the Skills Learned	
Warm-Up Drill 1.....	73
Timed Drill 1 (2 minutes).....	74
Timed Drill 2 (3 minutes).....	75
Warm-Up Drill 2.....	76
Timed Drill 3 (3 minutes).....	77
Timed Drill 4 (3 minutes).....	78
Warm-Up Drill 3.....	79
Timed Drill 5 (4 minutes).....	80
Timed Drill 6 (4 minutes).....	81
Warm-Up Drill 4.....	82
Timed Drill 7 (4 minutes).....	83
Timed Drill 8 (3 minutes).....	84
Warm-Up Drill 5.....	85
Timed Drill 9 (5 minutes).....	86
Warm-Up Drill 6.....	87
Timed Drill 10 (4 minutes).....	88
Timed Drill 11 (4 minutes).....	89
• Review .....	90
<b>Data Analysis &amp; Probability – Drill Sheets</b>	
• Exercises – Practice the Skills Learned	
Warm-Up Drill 1.....	93
Timed Drill 1 (3 minutes).....	94
Timed Drill 2 (3 minutes).....	95
Warm-Up Drill 2.....	96
Timed Drill 3 (4 minutes).....	97
Timed Drill 4 (2 minutes).....	98
Warm-Up Drill 3.....	99
Timed Drill 5 (4 minutes).....	100
Timed Drill 6 (3 minutes).....	101
Warm-Up Drill 4.....	102
Timed Drill 7 (3 minutes).....	103
Timed Drill 8 (5 minutes).....	104
Warm-Up Drill 5.....	105
Timed Drill 9 (4 minutes).....	106
Warm-Up Drill 6.....	107
Timed Drill 10 (3 minutes).....	108
Timed Drill 11 (4 minutes).....	109
• Review .....	110
<b>EASY MARKING™ ANSWER KEY</b> .....	113
<b>MINI POSTERS</b> .....	128

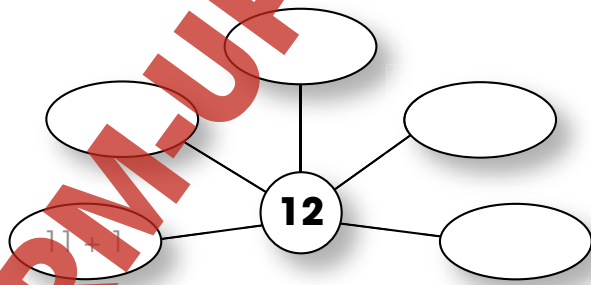


10a) In which part of the circle is the spinner most likely to land?

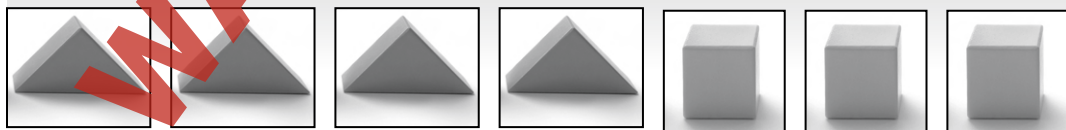


b) Francis has 8 comic books. Seven are Superman comics. How do you write the fraction to show how many are not Superman comics? \_\_\_\_\_

c) In the boxes below put facts that add up to 12.



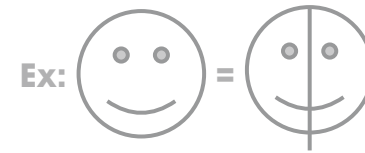
d) What fraction of the shapes below are triangles?



Answer: \_\_\_\_\_



4a) Symmetry means an object can be divided into two parts and both parts will be mirror images of each other. Draw the line of symmetry for each shape.



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



Why do some shapes have only one line of symmetry, while other shapes have two or more lines of symmetry? \_\_\_\_\_



2a) What are the missing numbers?

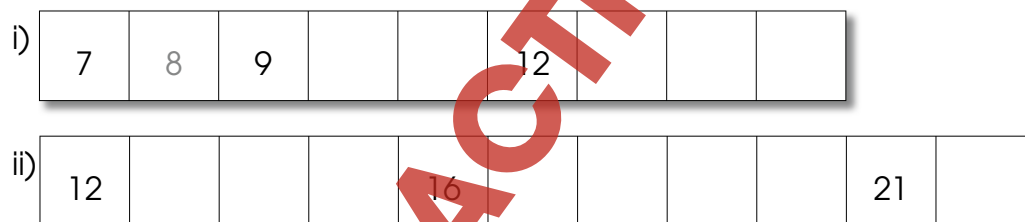
- i) \_\_\_\_\_ + 4 = 9
- ii) 9 - \_\_\_\_\_ = 5
- iii) 6 + \_\_\_\_\_ = 8



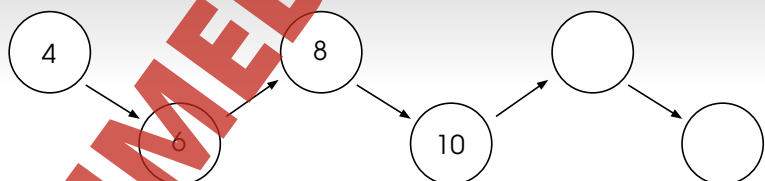
b) Choose > = or <: Ex: 3 > 1

- i) 4  0
- ii) 7  8
- iii) 0  1

c) What are the missing numbers?



d) Complete the pattern.



Explore With Technology

Use a **calculator** to practice your adding.

- i)  $16 + 22 = \underline{\quad}$
- ii)  $19 - 14 = \underline{\quad}$
- iii)  $121 + 73 = \underline{\quad}$



3a) Circle the item that weighs more in each pair.

- |                   |              |                   |             |
|-------------------|--------------|-------------------|-------------|
| 1)  flower        | bowling ball | 2)  large dog     | duck        |
| 3)  tree          | bird         | 4)  bench         | garden hose |
| 5)  leaf          | squirrel     | 6)  nest          | sheep       |
| 7)  teeter totter | rose         | 8)  lion          | basketball  |
| 9)  school bus    | tricycle     | 10)  baseball hat | wheelbarrow |

Explore With Technology

Choose three items listed above. With the help of an adult, use a computer or the Internet to find the approximate weight of each item.





## Review B

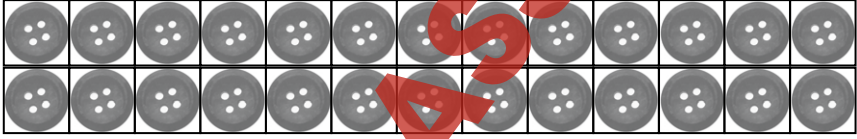
a) How many crabs are there? \_\_\_\_\_



b) How many equal parts has this circle been cut into?  
\_\_\_\_\_



c) Count the buttons.



Fill in the missing numbers:  tens  ones.

d) What is the missing number in this sequence?  
10, 20, 30, 40, \_\_\_\_\_

e) Add and subtract the following.

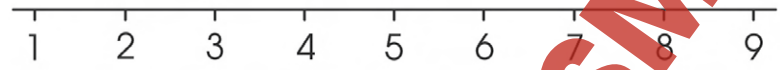
i)  $7 + 7 =$  \_\_\_\_\_    ii)  $12 - 6 =$  \_\_\_\_\_    iii)  $8 + 9 + 4 =$  \_\_\_\_\_

f) How much money is this?    Answer: \_\_\_\_\_



## Review B

a) John is learning to count by twos. On the number line below, starting with the number 2, count by twos by marking these points.



b) Complete the following skip counting chart by filling in the missing numbers.

6		10			16				26
---	--	----	--	--	----	--	--	--	----

c) Solve the following problems:

i)  $7 + \underline{\quad} = 12$     ii)  $9 + 9 = \underline{\quad}$     iii)  $6 + \underline{\quad} = 15$   
iv)  $14 - 6 = \underline{\quad}$     v)  $9 + \underline{\quad} = 19$     vi)  $\underline{\quad} + 12 = 21$

d) Choose  $>$  or  $<$ :

i)  $7 \square 9$     ii)  $22 \square 15$     iii)  $10 \square 10$

e) An increasing pattern is shown. What are the next four terms in the pattern?

7, 14, 21, 28, 35, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## Review A

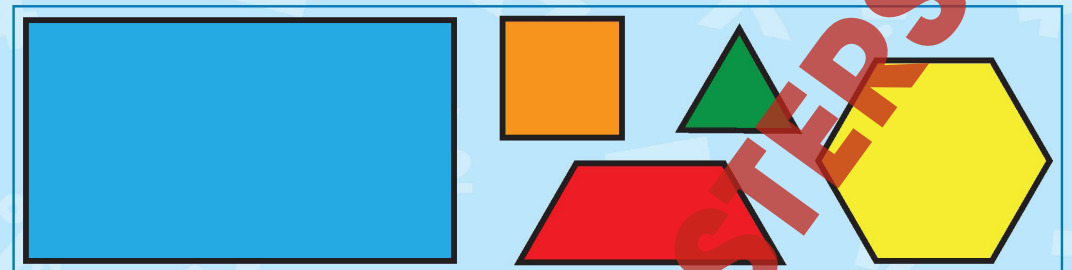
a) The chart below shows the different cats found in a pet store.

Small Brown Cats	Large Brown Cats	Small Orange Cats	Large Orange Cats	Small Black Cats	Large Black Cats

- How many cats are there in total? \_\_\_\_\_
- How many cats are orange? \_\_\_\_\_
- How many cats are black? \_\_\_\_\_
- How many cats are brown? \_\_\_\_\_
- How many cats are small? \_\_\_\_\_
- How many cats are large? \_\_\_\_\_
- How many cats are small and black? \_\_\_\_\_
- How many cats are large and orange? \_\_\_\_\_
- Which cat would most likely be chosen? \_\_\_\_\_
- Which cat is least likely to be chosen? \_\_\_\_\_

## Shapes

Using pattern blocks, how many different shapes can you make?



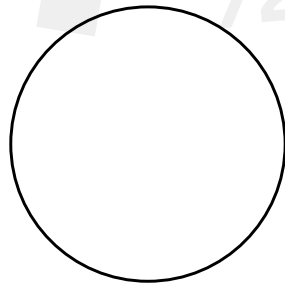
NAME: \_\_\_\_\_



17a) Is 36 an even or odd number?

Answer: \_\_\_\_\_

b) Divide the circle into four equal parts.



c) Which shape shows a half?

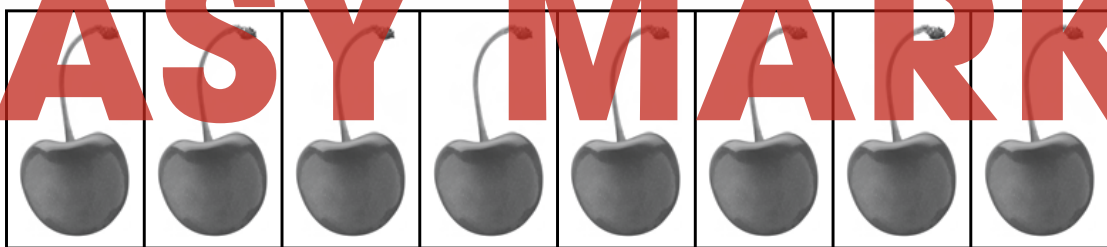
Answer: \_\_\_\_\_



d) Complete the table. Rule: subtract 7.

In	Out
10	3
12	5
16	
24	
7	

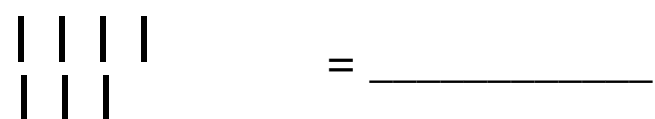
e) How many cherries are there?



Answer = \_\_\_\_\_

f) Counting up from 9, which number comes next? \_\_\_\_\_

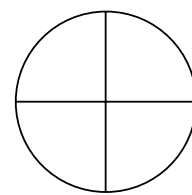
g) What number does this represent?



17.

a) Even

b)



c) i.

d) 9, 17, 0

e) 8

f) 10

g) 7



Review A

a) 7

b) 5

c) 10

d) 1 ten 3 ones

e) ii.

f) 9

g) 14

30

Review B

a) 5

b) 6

c) 2 tens, 6 ones

e) i) 14 ii) 6 iii) 21

f) \$0.71

31

Review C

a) 11, 25, 33

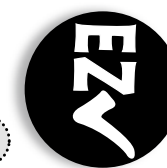
b) 9, 14, 21, 36, 77

c) 1034

d) i) tens  
ii) ones  
iii) hundreds

e) 7

32



EASY MARKING ANSWER KEY