Math Practice Sheet

Numbers Exploration to 12

Examples
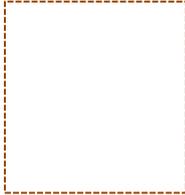
Practice Questions

Extra Challenge Unit

Student Name

_____

<table>
<tr><td>Unit 1.1</td><td>Facts from 0 to 5</td></tr>
</table>

Example

Count and read.

0	1	2	3	4	5
Zero	One	Two	Three	Four	Five

Exercise

1. Count and circle the numbers.

a)

0   1   (2)   3   4   5

b)

0   1   2   3   4   5

c)

0   1   2   3   4   5

d)

0   1   2   3   4   5

e)

0   1   2   3   4   5

f)

0   1   2   3   4   5

Exercise

2. Write the numbers.

| 0 _____ |
| 1 - |
| 2 _____ |
| 3 - |
| 4 _____ |
| 5 - |

Exercise

Solve the problems below.

3. Jake saw 4 birds on a tree.
He saw 1 more on the ground.
How many birds did Jake see altogether? Circle the right number.
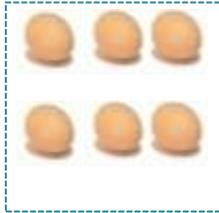
a) 4   b) 8   c) 5   d) 2
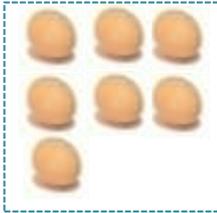
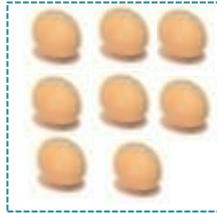**4.** Draw a picture of your favorite fruits.

How many did you draw?

Example

Count and read.

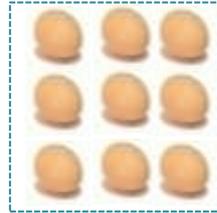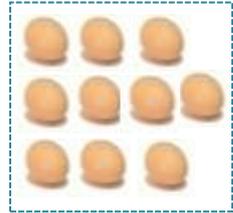| 6	7	8	9	10
Six	Seven	Eight	Nine	Ten

Exercise

1. Count and circle the number.

a)

6   ⑦   8   9   10

b)

6   7   8   9   10

c)

6   7   8   9   10

d)

6   7   8   9   10

2. Draw a picture of 6 things.

Exercise

2. Write the numbers.

6	
7	
8	
9	
10	

Exercise

Solve the problems below.

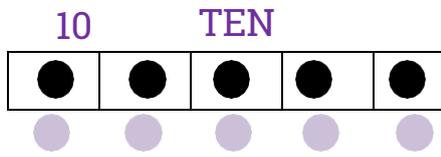4.   How many roosters are there?

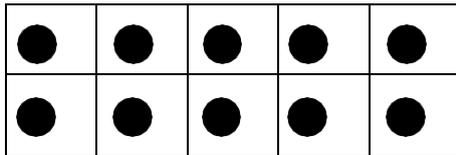There are [   ] roosters in total.

5.   Bill has 3 ice-cream cones.
His uncle gave him 5 more.
How many ice-cream cones does he have altogether?
Draw pictures of the ice-cream cones.

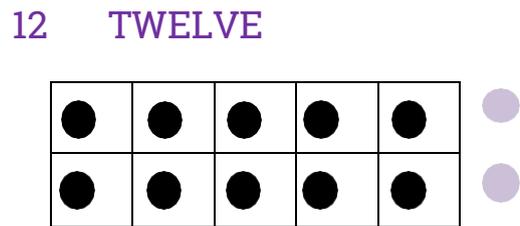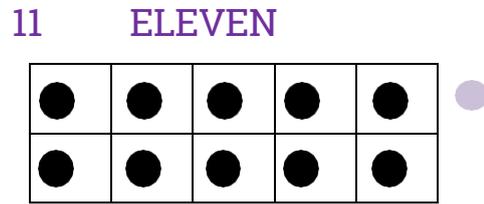Bill has [   ] ice-cream cones altogether.

Unit 1.3	**Facts of 10, 11, and 12**

Example

10   TEN

5 and 5 more is 10.

2 groups of 5 make 10.

11   ELEVEN

12   TWELVE

Exercise

1.   Count and circle the numbers.

a)

10   **11**   12

b)

10   11   12

c)

10   11   12

d)

10   11   12

Exercise

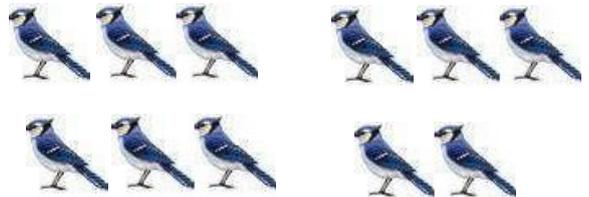Solve the problems below.

2. Kim found 10 shells.
    She found 2 more.
    How many shells did Kim find in all? Draw the counters.

    Write the number. _____

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3. Fred saw 6 birds. Then
    he saw 5 more.
    How many birds did Fred see?
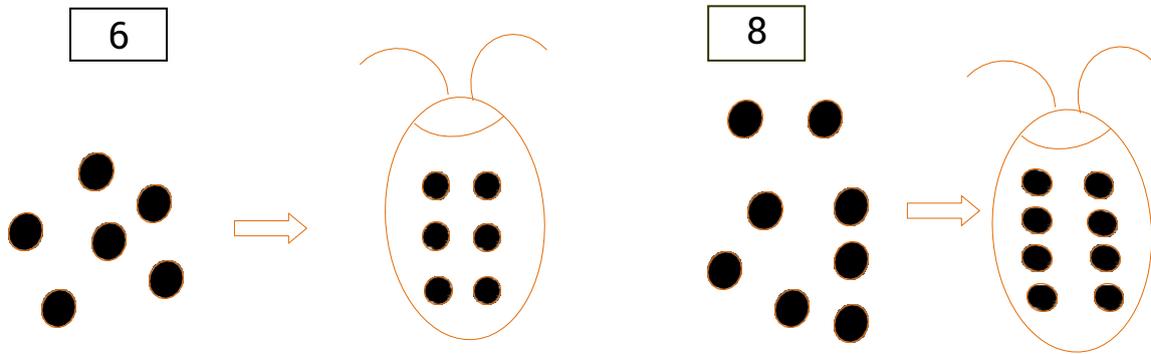   Circle the correct answer.

    a) 12   b) 10   c) 11   d) 6

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4. Write what you know about 10. Use words, numbers, counters, or
    pictures.
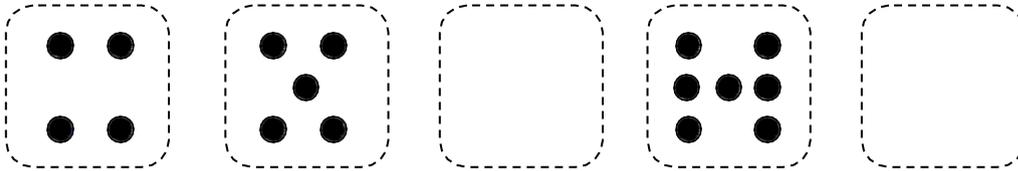
Example

Use patterns to learn numbers.

Exercise

1. What numbers do these patterns show?

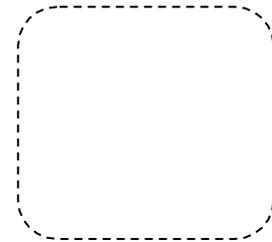

a)

b)

c)

d)

e)

f)

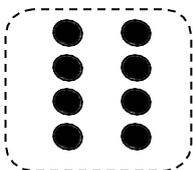Exercise

2. Draw the missing dot pattern.

Solve the problems below.

3. Savanna uses 7 counters.
   She makes a dot pattern.
   Draw a dot pattern to show the counters.

4. Tamika draws 9 dots.
   She makes a pattern.
   What does the pattern look like?
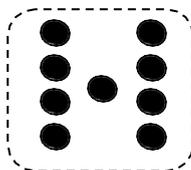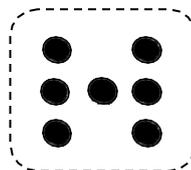
   a)   b)   c)   d)
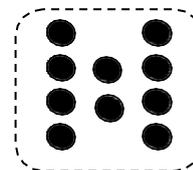
5. How old are you?
   Draw a dot pattern to show your age.

Unit 1.5	Count the Objects
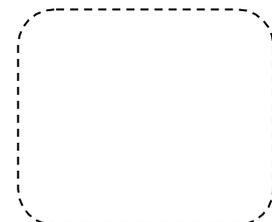
Example

Rosy has some flowers as in the picture.
Count and write how many flower she has.
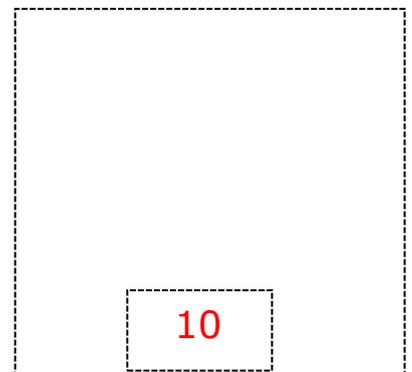
Rosy has ten flowers.

10

Exercise

1. Count the objects and write the number in the box.

a)

b)

c)

2. Color the balloons that match each number.

5

10

7

9

Count the Objects

Exercise

3.   Match the number and number name with the correct collections.

a)

b)

c)

d)

e)

f)

g)

h)

i)

j)

k)

l)
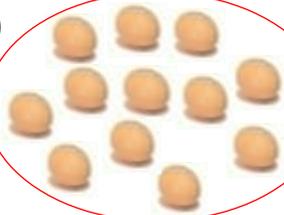
A)	Four	4
B)	Ten	10
C)	Five	5
D)	Two	2
E)	Twelve	12
F)	Six	6
G)	Seven	7
H)	Eleven	11
I)	Eight	8
J)	One	1
K)	Nine	9
L)	Three	3

Unit 1.6	Learning Number Names

Example

Write the number and number name that tells how many.
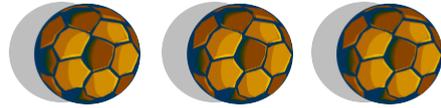
4	Four		3	Three

Exercise

1. Write the number and number name that tells how many.

a)

b)

c)

d)

e)

f)

Exercise

2. Write numbers names.

One _____

Two _

Three _____

Four _

Five _____

14

Exercise

2. Write number names.

Six_____
Seven_____
Eight_____
Nine_____
Ten_____

Exercise

4. Match each number to its number name.

| Seven | Nine | Twelve | Three | Ten | Four |
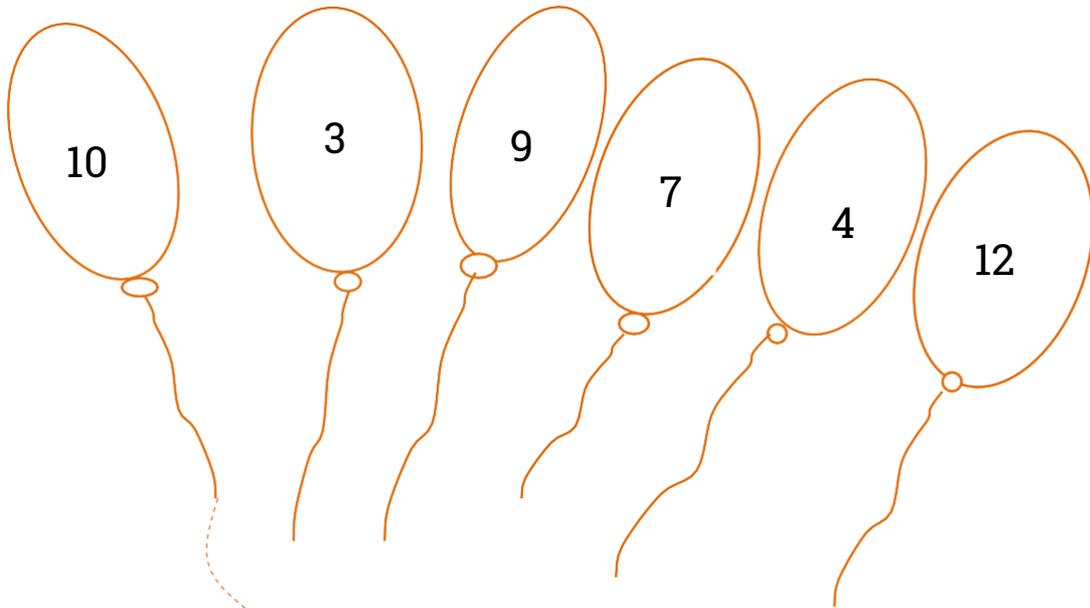
5. Count the dots on both sides of the line and write the number. a)
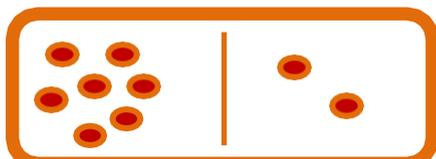
There are_____dots.

b)

There are_____dots.

Using Objects in Problem Solving
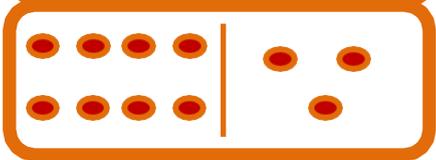
Example

Marty has 7 balls.
He uses 7 counters, 1 counter for each ball.
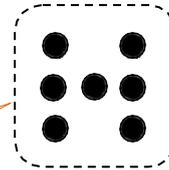
This model shows the 7 balls that Marty has.

Exercise

1. Draw a picture to solve the problems.

a) Joe has 11 pens.
Draw counters to show the number of pens Joe has.

b) Alvin sees 8 cars.
Draw counters to show the number of cars Alvin sees.
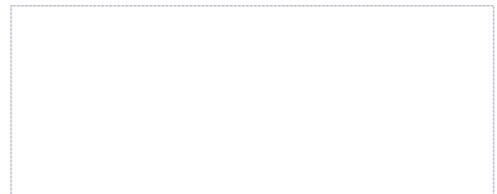
c) Elisa buys 12 ice-cream cones. Draw counters to show the number of ice-cream cones Elisa has.

d) Spencer has 10 balls.
Draw counters to show the number of balls Spencer has.

Math Challenges
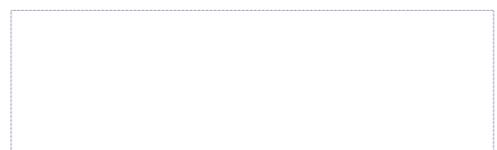
Exercise

1. Fill in the missing number.

   a)
   | 0 | | 2 |

   b)
   | 3 | 4 | |

   c)
   | | 3 | 4 |

   d)
   | | | 7 |

2. Zena had 1 ball.
   Her mother gave her 3 more.
   How many balls does she have in all?

   Zena has _____ balls altogether.

   Draw a picture.

3. Roger drew 5 flowers.
    Then he drew 2 more.
   How many flowers did he draw in all?
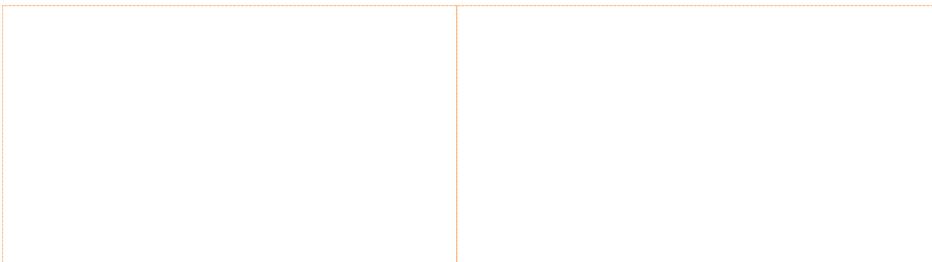
Exercise

4. Write the number name of each of the following objects.
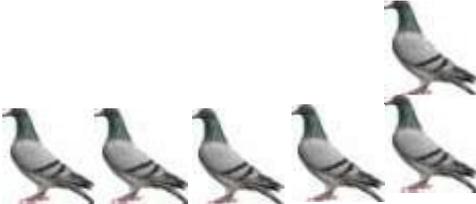
a)	b)
c)	d)

5. Match the following.

a)   2   A)   Four

b)   Twelve   B)   5

c)   C)   Ten

d)   10   D)   12

e)   E)

Exercise

6. Bob has 3 hats.
Sally has 1 apple.
Elli has 4 pens.

Draw pictures and match them.

Elli   Hats

Sally   Apple

Bob   Pens

7. Write the number that tells how many. Circle greater one.

There are_____apples altogether.

Exercise

8. Amy had 2 pens. Now
    she has 5 pens.
    How many new pens did Amy get?

    Draw more pens.

    Amy got [   ] new pens.

9. Mike put 5 toy cars inside the box. He
    put 3 toy trucks outside the box.
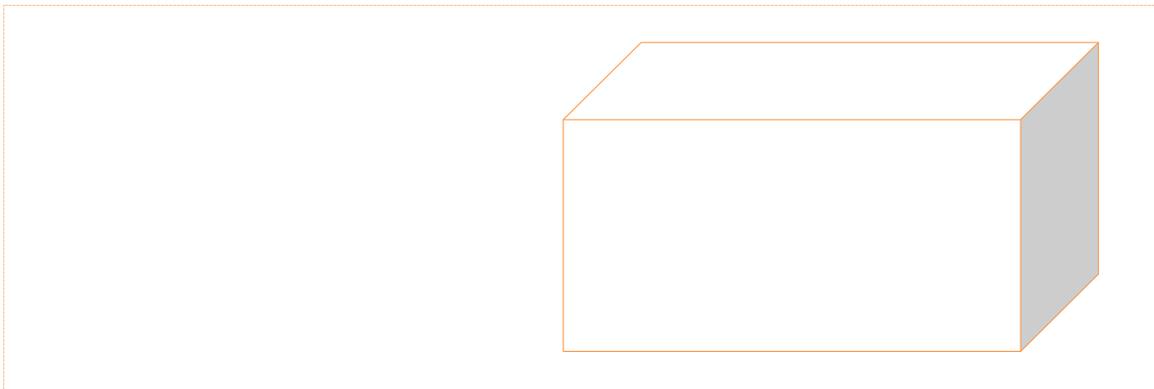
    Draw the picture to solve.

10. Elisa drew 6 purple flowers.

    She drew 5 red flowers also.

    Elisa drew [   ] flowers all together

Congratulations!

You have finished a lesson. You should be very proud of yourself.
Now it is time to progress to the next lesson.
Your next assignment is notated by a green arrow.

Lesson 1   Numbers Exploration to 12
Lesson 2   Number Comparing and Ordering
         Unit 2.1   Two Number Comparisons
         Unit 2.2   Three Number Comparisons

Next →   Unit 2.3   Ordering 0 to 6
         Unit 2.4   Ordering 7 to 12
         Unit 2.5   Ordering Numbers Using a Number Line
         Unit 2.6   Problem Solving
         Unit 2.7   Math Challenges
Lesson 3   Addition Exploration Part I
Lesson 4   Addition Exploration Part II
Review 1   Review of Lesson 1, 2, 3, and 4
Lesson 5   Subtraction Exploration Part I
Lesson 6   Subtraction Exploration Part II
Lesson 7   Introducing Five and Ten Relationship
Lesson 8   Learning Addition Facts up to 12
Review 2   Review of Lesson 5, 6, 7, and 8
Lesson 9   Learning Subtraction Facts up to 12
Lesson 10   Introduction to Geometry Part I
Lesson 11   Introduction to Geometry Part II
Lesson 12   Understanding Patterns
Review 3   Review of Lesson 9, 10, 11, and 12
Lesson 13   Exploring Number Patterns and Counting to 100 Part I
Lesson 14   Exploring Number Patterns and Counting to 100 Part II
Lesson 15   Understanding Tens and Ones
Lesson 16   Number Comparison and Ordering to 100
Review 4   Review of Lesson 13, 14, 15, and 16
Lesson 17   Introduction to Money Counting
Lesson 18   Counting Money
Lesson 19   Measurement Concepts Part I
Lesson 20   Measurement Concepts Part II
Review 5   Review of Lesson 17, 18, 19, and 20
Lesson 21   How to Tell Time Part I
Lesson 22   How to Tell Time Part II
Lesson 23   Introducing Addition Facts to 18
Lesson 24   Introducing Subtraction Facts to 18
Review 6   Review of Lesson 21, 22, 23, and 24
Lesson 25   Data and Graphs Exploration
Lesson 26   Identifying Fractions
Lesson 27   Addition and Subtraction Using Tens and Ones
Review of Lesson 1 to 14
Review of Lesson 15 to 27

Unit 1.1

1. a) 2   b) 5   c) 3
   d) 0   e) 4   f) 1
3. c

Unit 1.2

1. a) 7   b) 9   c) 10
   d) 9
4. 2,6; 8   5. 8

Unit 1.3

1. a) 11   b) 10   c) 10
   d) 12
2. 12
3. c

Unit 1.4

1. a) 8   b) 6   c) 7
   d) 9   e) 3   f) 5
4. b

Unit 1.5

1. a) 8   b) 6   c) 9
3. a) → J   b) → L   c) → F   d) → D
   e) → A   f) → C   g) → G   h) → I
   i) → B   j) → K   k) → E   l) → H

Unit 1.6

1. a) 2, two   b) 5, five   c) 10, ten
   d) 8, eight   e) 6, six   f) 9, nine
4. 10 → ten   3 → three   9 → nine
   7 → seven   4 → four   12 → twelve
5. a) 9   b) 11

Unit 1.8

1. a) 1   b) 5   c) 2
   d) 5, 6
2. 4   3. 7
4. a) 6   b) 4   c) 10
   d) 2
5. a) → E   b) → D   c) → A
   d) → C   e) → B
7. 3,4; 7   8. 3   10. 11