

Math Practice Sheets

Numbers Exploration to 12

Student Name _____

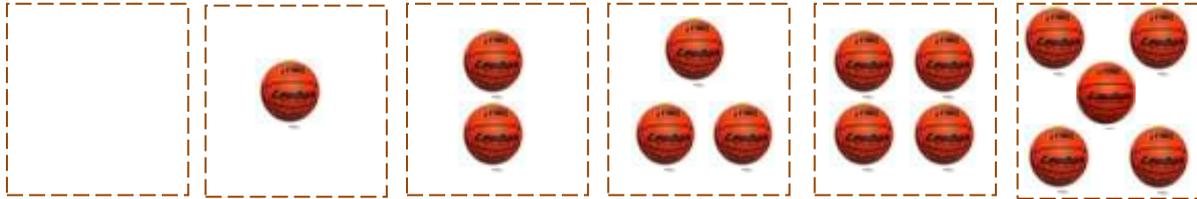
Examples

Practice Questions

Extra Challenge Unit

Example

Count and read.



0
Zero

1
One

2
Two

3
Three

4
Four

5
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.

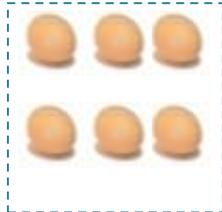
A large, empty rectangular box with a dashed orange border, intended for a student to draw their favorite fruits.

How many did you draw?

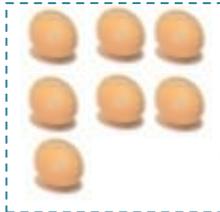
A small, empty rectangular box with a dashed orange border, intended for a student to write the number of fruits they drew.

Example

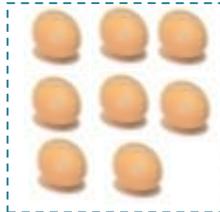
Count and read.



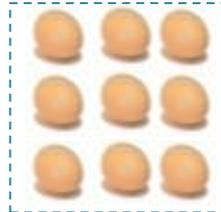
6
Six



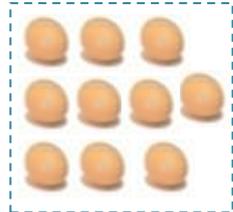
7
Seven



8
Eight



9
Nine



10
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

3. Write the numbers.

6

7

8

9

10

Exercise

Solve the problems below.

4. How many roosters are there?

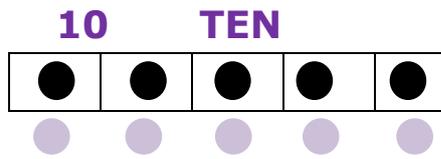


There are roosters in total.

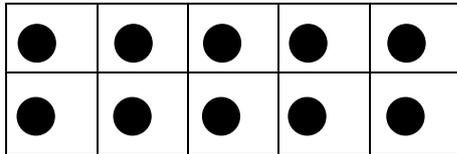
5. Bill has 3 ice-cream cones.
His uncle gave him 5 more.
How many ice-cream cones does he have altogether?
Draw pictures of the ice-cream cones.

Bill has ice-cream cones altogether.

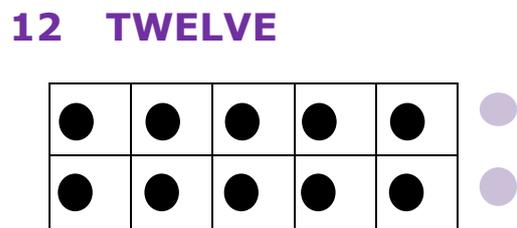
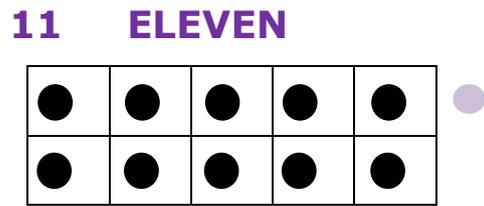
Example



5 and 5 more is 10.



2 groups of 5 make 10.



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. _____

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



a) 12

b) 10

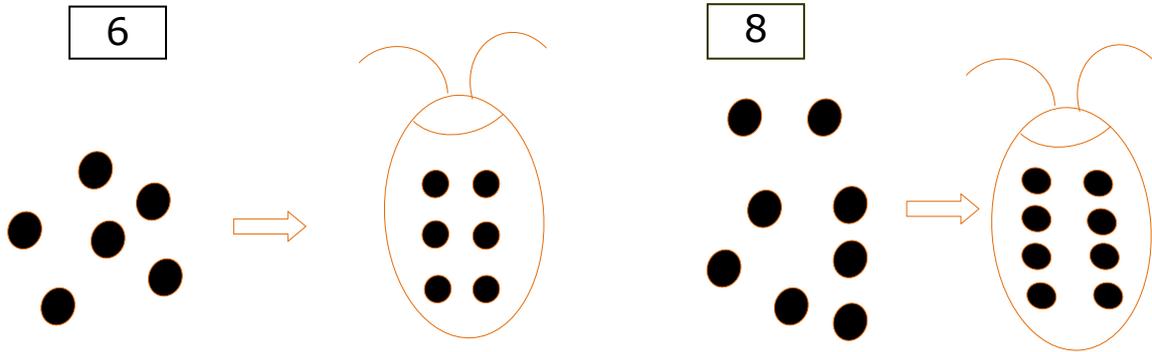
c) 11

d) 6

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) <input type="text"/>	b) <input type="text"/>
c) <input type="text"/>	d) <input type="text"/>
e) <input type="text"/>	f) <input type="text"/>

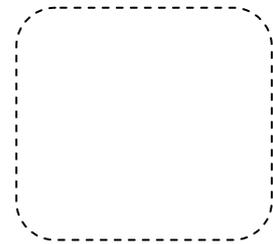
Exercise

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.

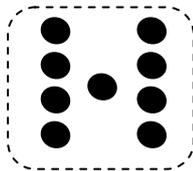


4. Tamika draws 9 dots. She makes a pattern. What does the pattern look like?

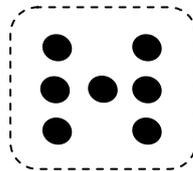
a)



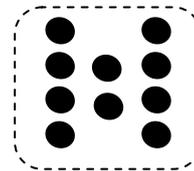
b)



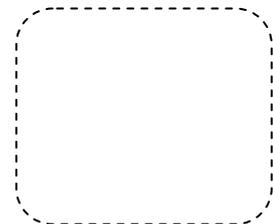
c)



d)

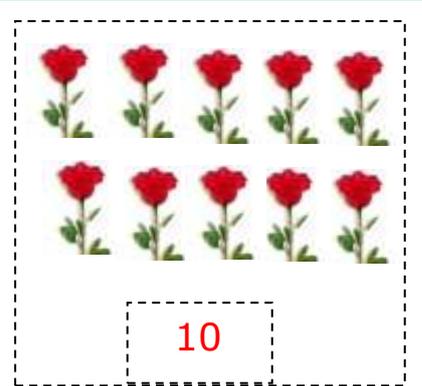


5. How old are you? Draw a dot pattern to show your age.



Example

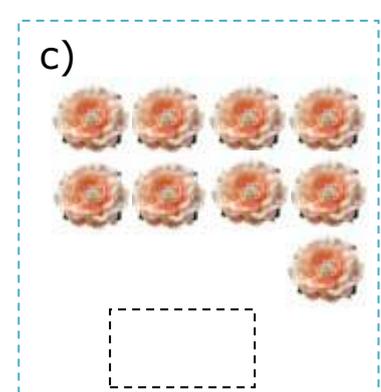
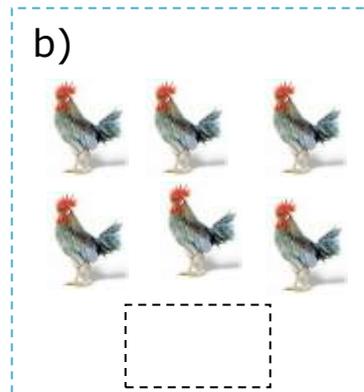
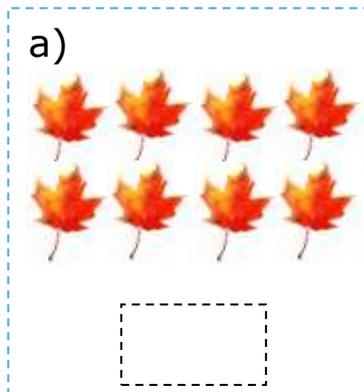
Rosy has some flowers as in the picture.
Count and write how many flower she has.



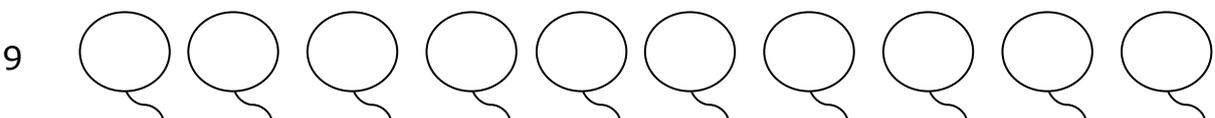
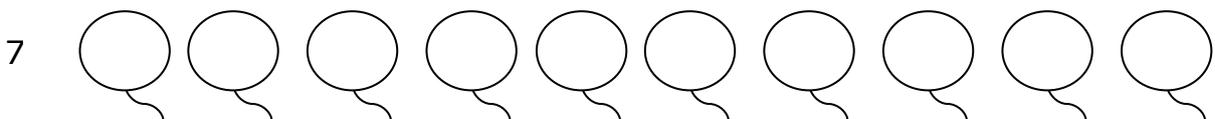
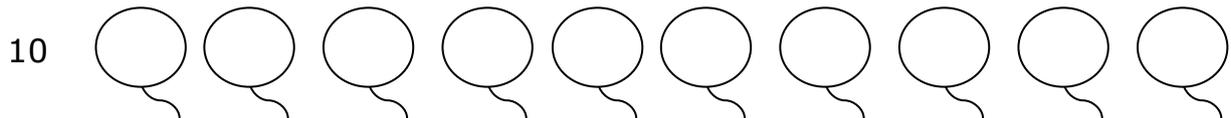
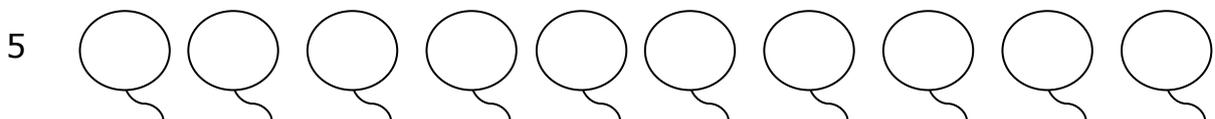
Rosy has ten flowers.

Exercise

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



2. Color the balloons that match each number.



Exercise

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

a)



A) Four 4

b)



B) Ten 10

c)



C) Five 5

d)



D) Two 2

e)



E) Twelve 12

f)



F) Six 6

g)



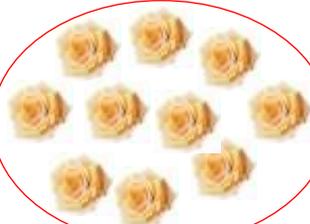
G) Seven 7

h)



H) Eleven 11

i)



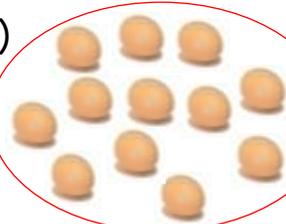
I) Eight 8

j)



J) One 1

k)



K) Nine 9

l)



L) Three 3

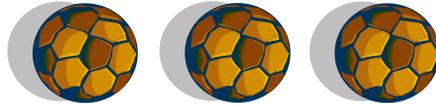
Example

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 number names.

One

Two

Three

Four

Five

Exercise

3. Write number names.

Six

.....

Seven

.....

Eight

.....

Nine

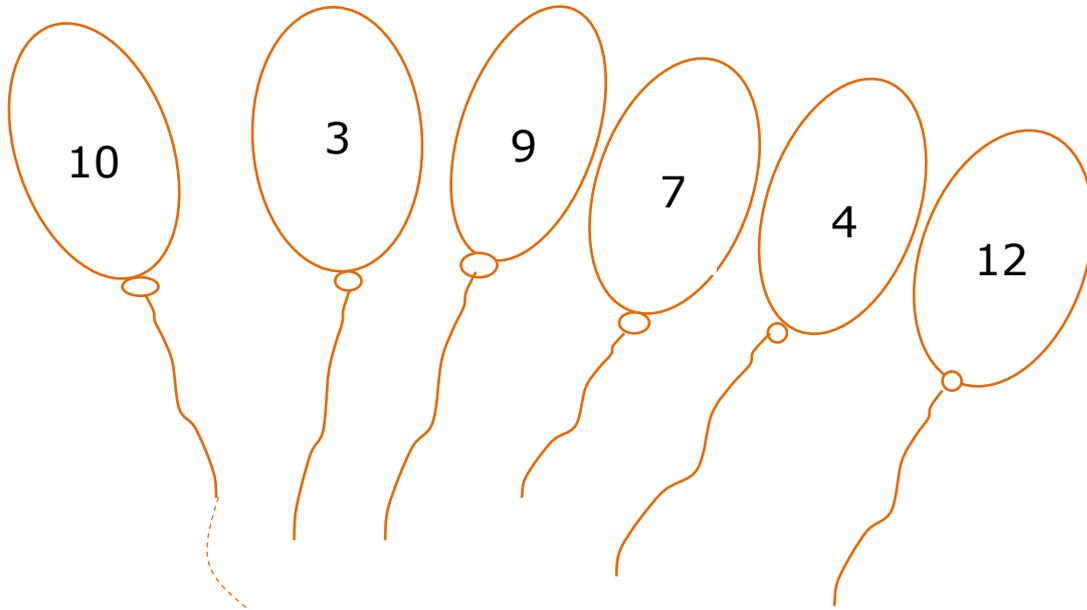
.....

Ten

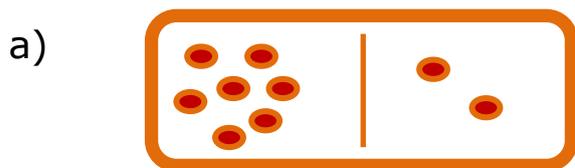
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Exercise

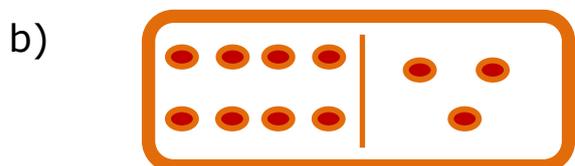
4. Match each number to its number name.



5. Count the dots on both sides of the line and write the number.



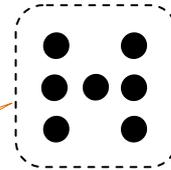
There are ____ dots.



There are ____ dots.

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.



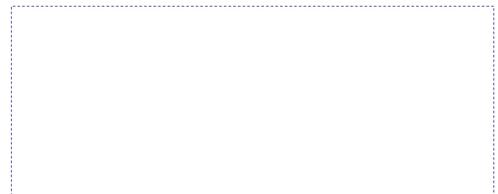
- b) Alvin sees 8 cars.
Draw counters to show the number of cars Alvin sees.



- 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.



Exercise

1. Fill in the missing number.

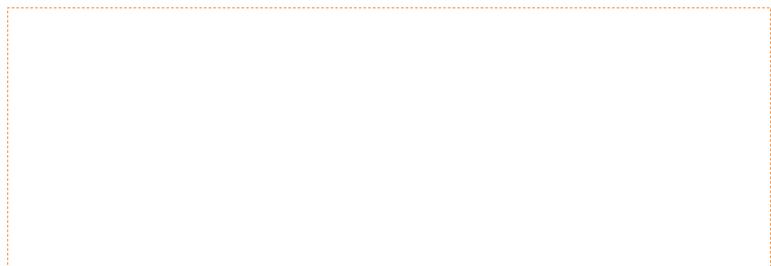
a) b)

c) d)

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.

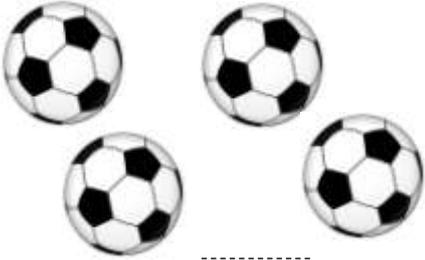
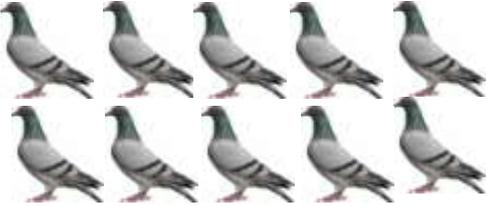


3. Roger drew 5 flowers.
Then he drew 2 more.
How many flowers did he draw in all?



Exercise

4. Write the number name of each of the following objects.

<p>a)</p>  	<p>b)</p>  
<p>c)</p>  	<p>d)</p>  

5. Match the following.

<p>a)</p> 	<p>A)</p> 
<p>b)</p> 	<p>B)</p> 
<p>c)</p> 	<p>C)</p> 
<p>d)</p> 	<p>D)</p> 
<p>e)</p> 	<p>E)</p> 

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?

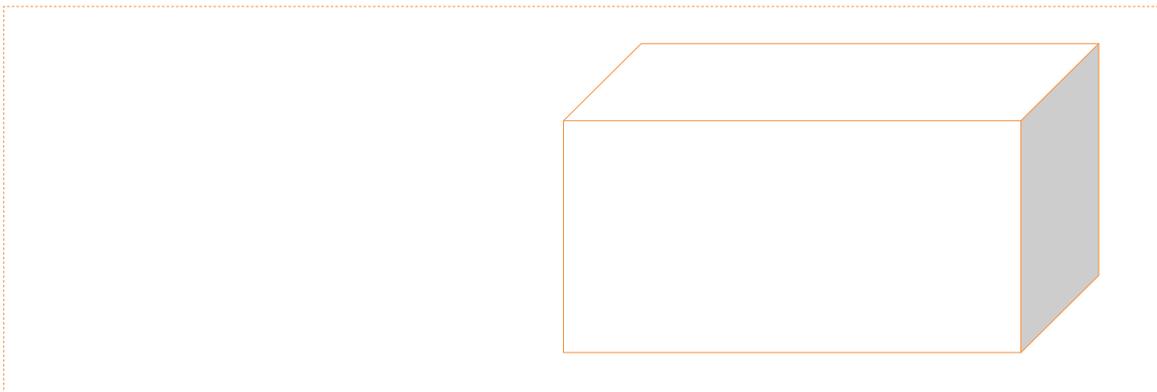


Draw more pens.

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 altogether.

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
	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



Math Practice Sheets

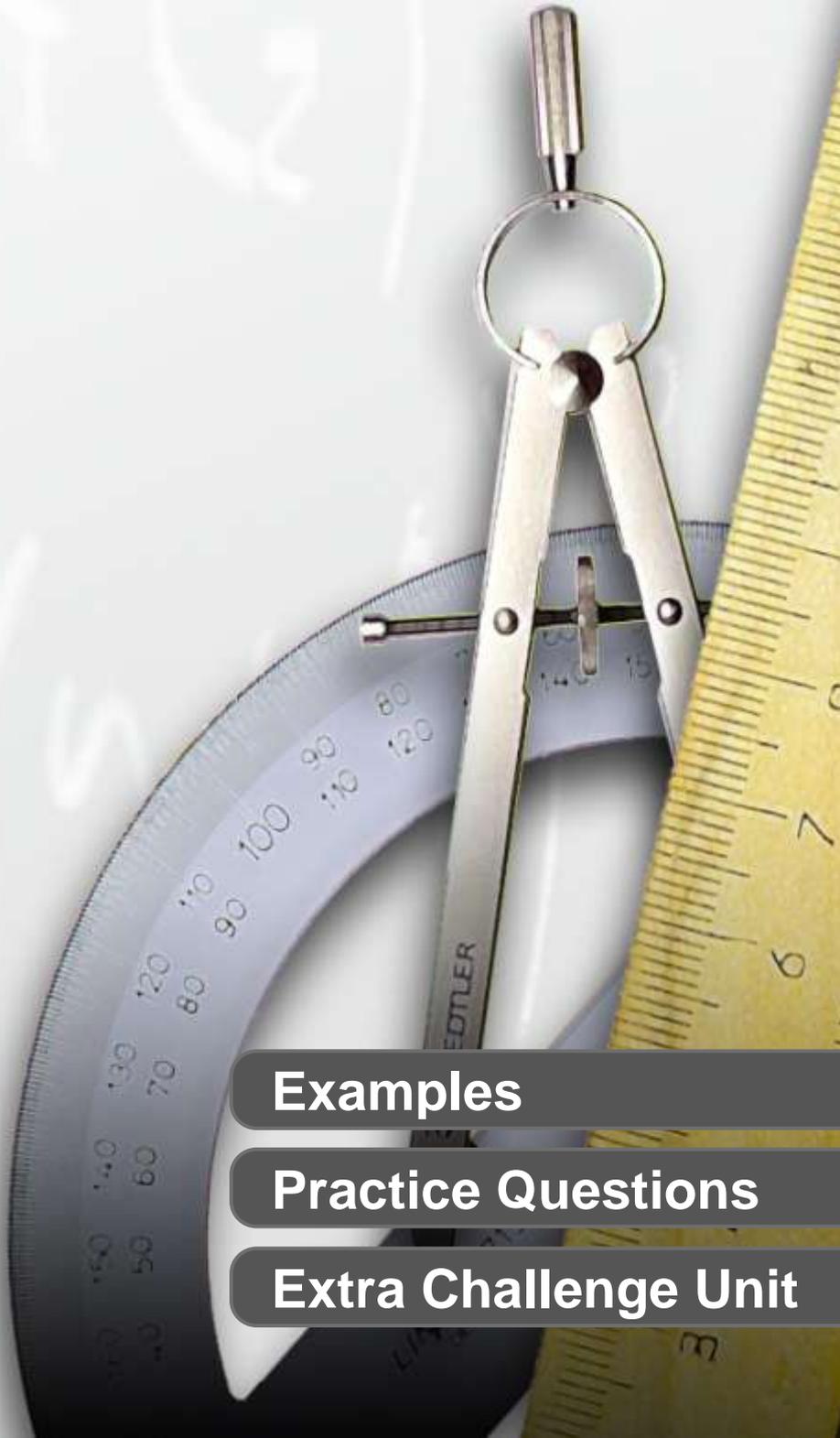
Number Comparing and Ordering

Student Name _____

Examples

Practice Questions

Extra Challenge Unit



Example



5

6



6 > 5

'>' means 'is greater than'

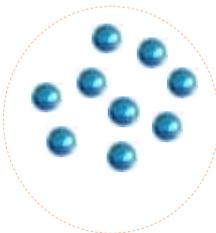
5 < 6

'<' means 'is less than'

Exercise

1. Circle 'is greater than' or 'is less than'.

a)



9

4

9 is greater than 4
is less than

>
 <



b)



5 is greater than 2
is less than

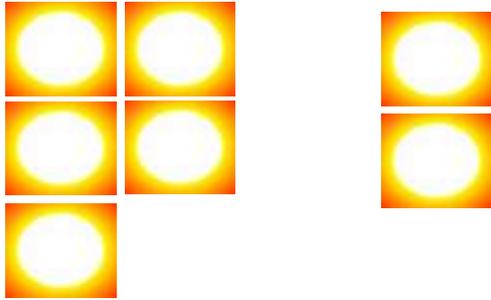
>
 <



Exercise

2. Count the objects, write the number in the box, and circle '>' or '<'.

a)



>

b)



>

c)



>

d)



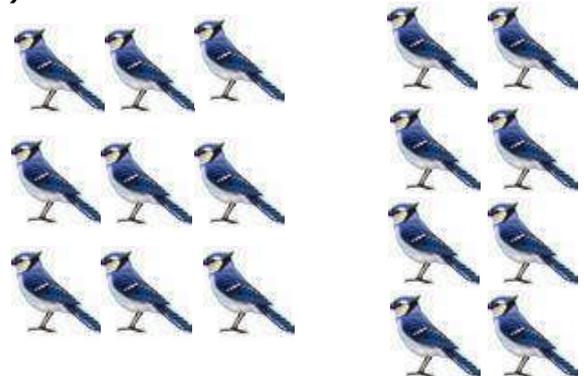
>

e)



>

f)



>

Exercise

3. Write each number in the box and circle '>' or '<'.

a)



<

b)



○

c)



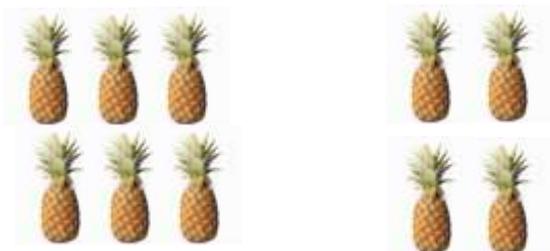
○

d)



○

e)



○

f)



○

Exercise

Solve the problems below.

4. Jefferson has 5 pens.
Spencer has 3 pens.
Who has fewer pens?
Draw a picture to show a story.

_____ has fewer pens.

Jefferson	Spencer

5. Tito has more than 6 sweets.
He has fewer than 9 sweets.
How many sweets does Tito have? Circle the correct answer.

a) 6

b) 10

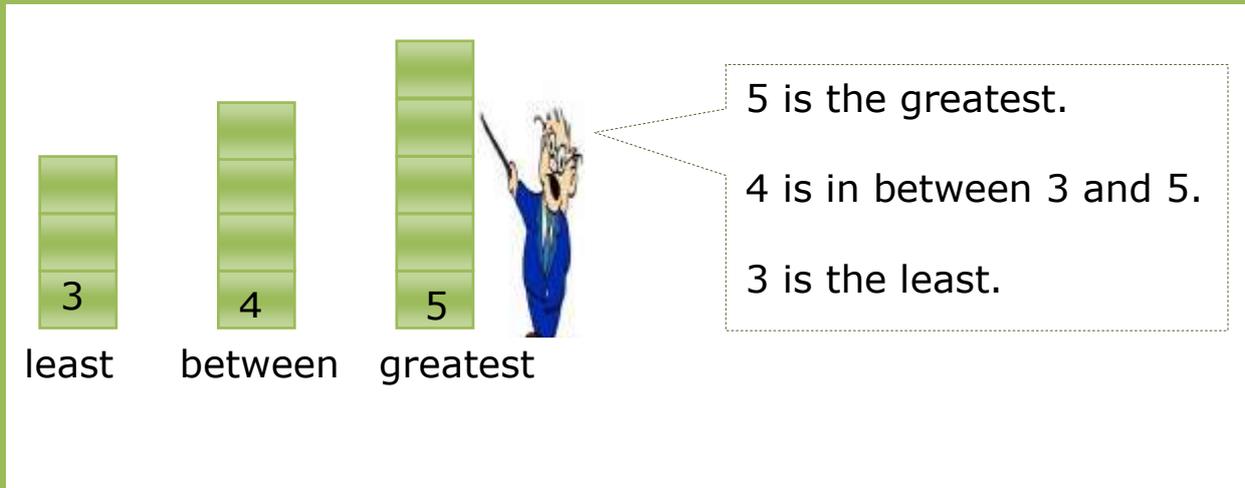
c) 8

d) 9

6. Draw your favorite toys in the boxes.
Count the toys.
Put '>' or '<' sign in the circle.



Example



3 is the least.
4 is in between 3 and 5.
5 is the greatest.

Exercise

1. Count the objects. Write the number of the items in each row within each box in order from least to greatest.

a)



2 3 4

least between greatest

b)



_____ _____ _____

least between greatest

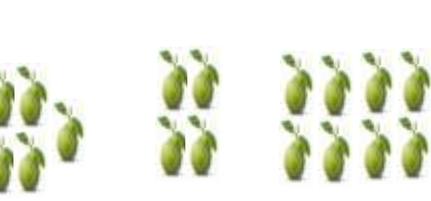
c)



_____ _____ _____

least between greatest

d)



_____ _____ _____

least between greatest

e)

5 10 7

_____ _____ _____

least between greatest

f)

12 3 8

_____ _____ _____

least between greatest

Exercise

Solve the problems below.

2. Annie draws 3 balloons.
Randy draws 7 balloons.
Luke draws 2 balloons.

Who draws the least number of balloons?

Draw all of their balloons to solve.

Annie	Randy	Luke

3. Sara has 5 books.
Ming has 3 books.
Yuko has 9 books.
Which shows the number of books from least to greatest?
Circle the correct choice.

a) 3, 9, 5

b) 3, 5, 9

c) 9, 5, 3

d) 5, 9, 3

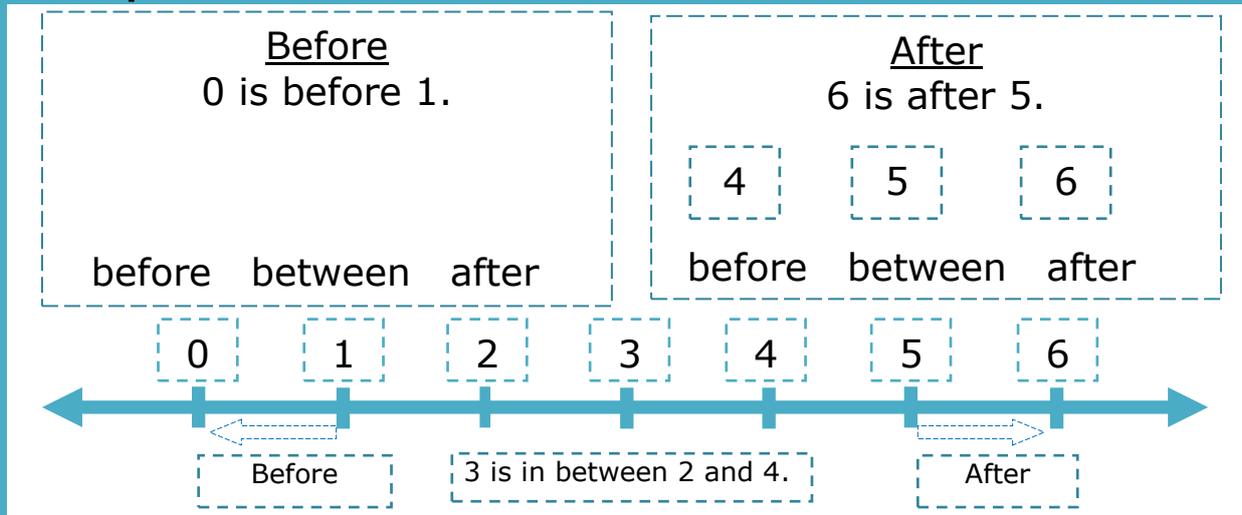
4. Choose 3 numbers less than 12. Arrange your numbers in order from least to greatest.

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5. Lucy drew 7 pens.
Vikki drew 4 pens.
Nikki drew 9 pens.
Arrange the number of pens in order from least to greatest.

--	--	--

Example



Exercise

1. Write the number that is before, after, or between.

a)

_____ _____ 2
before between after

b)

_____ _____ 6
before between after

c)

_____ 2 _____ 4
before between after

d)

_____ 4 _____
before between after

e)

_____ 0 _____ 2
before between after

f)

_____ 3 _____
before between after

g)

_____ 2 _____
before between after

h)

_____ _____ 3
before between after

Exercise

2. Fill in the missing blank.

a)

<u>4</u>	<input style="width: 40px; height: 20px;" type="text"/>	<u>6</u>
before	between	after

b)

<u>1</u>	<input style="width: 40px; height: 20px;" type="text"/>	<u>3</u>
before	between	after

c)

<u>3</u>	<input style="width: 40px; height: 20px;" type="text"/>	<u>5</u>
before	between	after

d)

<u>0</u>	<input style="width: 40px; height: 20px;" type="text"/>	<u>2</u>
before	between	after

Solve the problems below.

3. Marla gets a number for a race. Her number is between 3 and 5. What is Marla's number?

<input style="width: 30px; height: 20px; border: 1px dashed blue;" type="text" value="3"/>	<input style="width: 30px; height: 20px; border: 1px dashed blue;" type="text"/>	<input style="width: 30px; height: 20px; border: 1px dashed blue;" type="text" value="5"/>
--	--	--

4. Roy has some pencils. The number he has is just after 5. Circle the number of pencils Roy has.

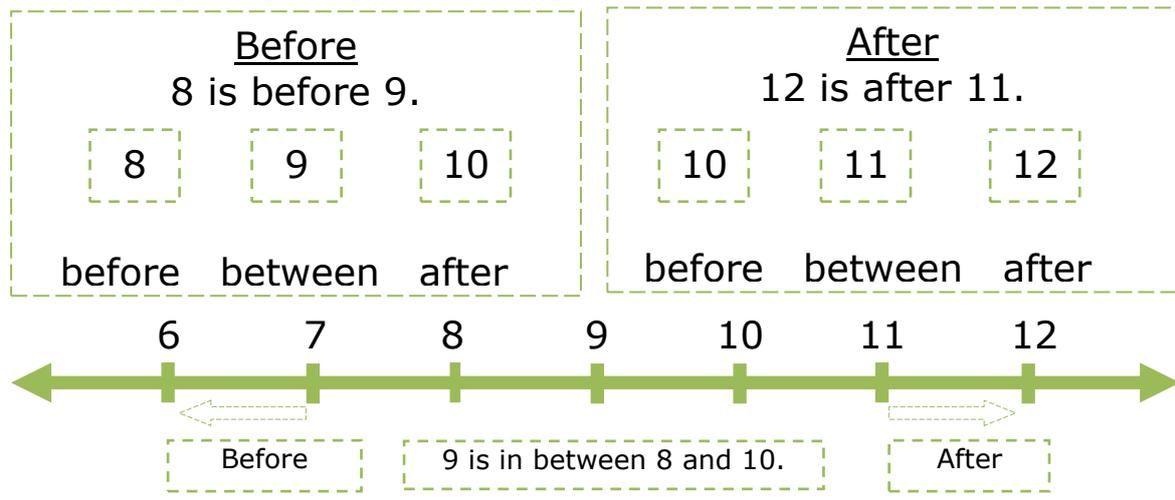
- a) 4 b) 3 c) 6 d) 5

5. Describe 2 numbers that come just before 4. Write the number.

<input style="width: 30px; height: 20px; border: 1px dashed blue;" type="text"/>	<input style="width: 30px; height: 20px; border: 1px dashed blue;" type="text"/>	<input style="width: 30px; height: 20px; border: 1px dashed blue;" type="text" value="4"/>
--	--	--

Draw counters for those two numbers.

Example



Exercise

1. Write the number that is before.

a)

_____ 8 _____

before between after

b)

_____ 10 _____

before between after

c)

_____ 9 _____

before between after

d)

_____ 11 _____

before between after

2. Write the number that is after.

a)

8 9 _____

before between after

b)

_____ 7 8 _____

before between after

c)

_____ 10 11 _____

before between after

d)

_____ 9 10 _____

before between after

Exercise

3. Write the number that is between.

a)

7 9
before between after

b)

10 12
before between after

c)

9 11
before between after

d)

8 10
before between after

Solve the problems below.

4. Alicia picked some flowers.
The number she has is just before 9.
Circle the number of flowers that Alicia drew.

a) 7

b) 8

c) 9

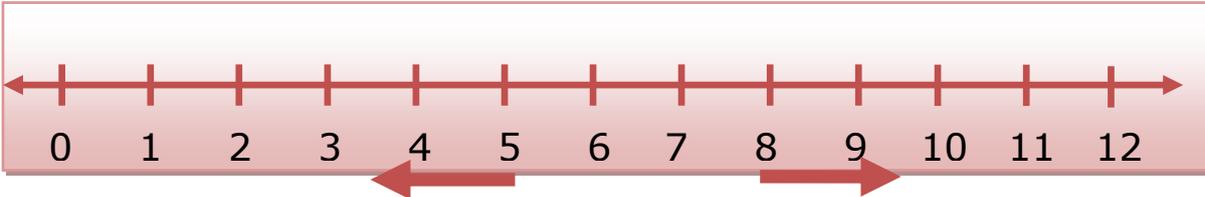
d) 10

5. Spencer reads a comic book.
He reads page 11, then he skips a page.
What page did Spencer skip?

6. Describe the number that comes just after 6. Use pictures or words. Write the number.

Example

A number line shows the order of numbers.



To the left is before.

To the right is after.

4 comes before 5.

9 comes after 8.

Exercise

1. Fill in the missing number.

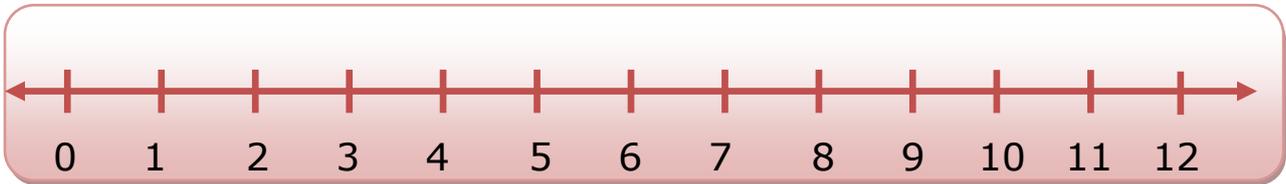
Just Before			Just After				
a)	<u>7</u> ,	8,	9	b)	2,	3,	<u>4</u>
c)	_____,	5,	6	d)	6,	7,	_____
e)	_____,	2,	3	f)	0,	1,	_____
g)	_____,	6,	7	h)	3,	4,	_____
i)	_____,	5,	6	j)	2,	3,	_____

2. A number is greater than 5. It is less than 7.
What is the number?

_____ _____ 7

Exercise

3. Use the number line and write the numbers that are just before and just after.



- a)

before	5	after
- b)

before	2	after
- c)

before	8	after
- d)

before	11	after

4. How old are you? _____

I was _____ years old last year.

I will be _____ years old next year.

Exercise

5. Fill in the missing numbers.

a) 5, _____, 7, _____, 9

b) 3, _____, 5, _____, 7

c) 4, _____, 2, _____, 0

d) 5, _____, 3, _____, 1

e) 9, _____, 7, _____, 5

f) 8, _____, 10, _____, 12

Solve the problems below.

6. Monica reads a storybook.
She reads page 10, then she skips a page.
What page did Monica skip?

7. Roy has some dollars.
The number he has is between 7 and 10.
Circle the amount of dollars that Roy has.

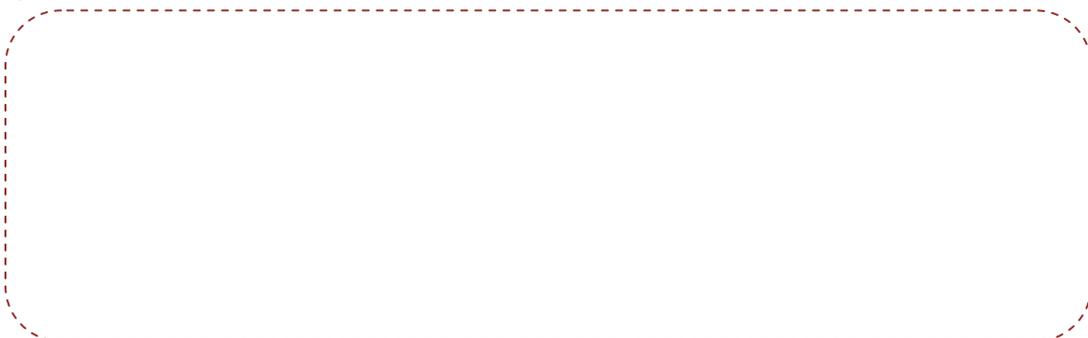
a) 6

b) 11

c) 12

d) 8

8. Describe the number that comes right after 9.
Use pictures or words. Write the number.



Example

Compare and circle the correct answer.

Lori reads 3 books.
Sara reads 6 books.

3 < 6
Lori Sara

Who reads more books?

Sara reads more books.

Exercise

1. Compare and circle the correct answer.

a) Alice has 9 balls.
Lucy has 5 balls.

9 > 5

Who has fewer balls?

Alice Lucy

b) Ray ran 7 meters.
Lisa ran 8 meters.

Who ran the longer distance?

Ray Lisa

c) Rocky sold 8 pencils and 6 pens.

Which item did he sell less of?

Pens Pencils

d) There are 5 oranges in a box.
There are 7 apples in a basket.

Which fruit is there more of?

Oranges Apples

Exercise

Solve the problems below.

2. Monica counts 3 stars.

Roy counts 5 stars.

Draw a picture to show Monica and Roy counting stars.

Who counts more stars?

Monica	Roy
--------	-----

3. Adriana has some books.

The number of books she has is in between 7 and 10.

Circle the number of books Adriana has.

a) 6

b) 9

c) 5

d) 10

4. Write a story to compare the number of fingers in your hand and legs.

Exercise

5. Arrange the numbers in order and solve the problems.

- a) Steve reads 5 books.
Lucy reads 3 books.
Lisa reads 8 books

_____ books
least between greatest

Who reads the least books? Lucy

- b) Jose tossed 5 times.
Julio tossed 1 time.
Jason tossed 7 times.

_____ times
least between greatest

Who tossed the most times? _____

- c) Bill eats 8 candies.
Leo eats 7 candies.
Ray eats 9 candies.

_____ candies
least between greatest

Who eats the most candies? _____

- d) A cat is 3 years old.
A dog is 1 year old.
A bunny is 2 years old.

_____ years old
least between greatest

Exercise

Solve the problems below.

6. Mickey eats 3 carrots.
Luca eats 1 apple.
Jen eats 5 cherries.

Write the names of fruits in order from who eats the least to who eats the greatest?

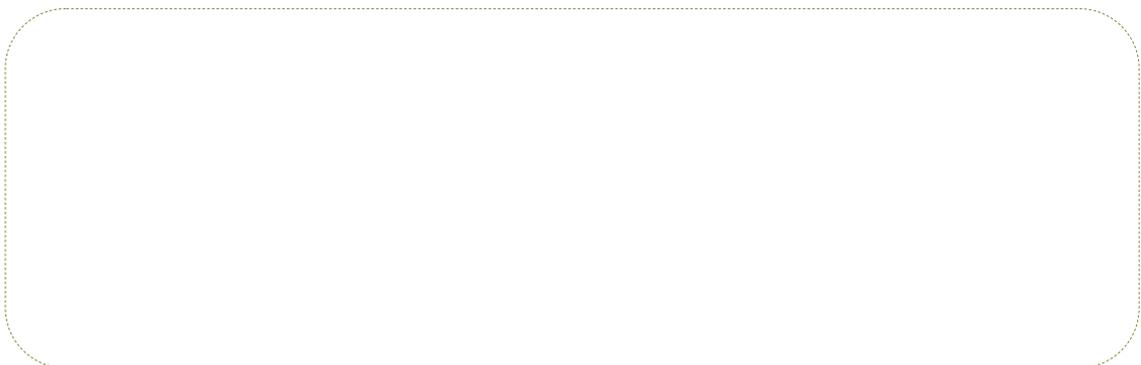
_____ _____ _____ fruits
least between greatest

7. Katrina has 8 balls.
Georgia has 10 balls.
Louisa has 9 balls.

Which shows the number of balls in order from greatest to the least? Circle.

a) 8, 9, 10 b) 9, 8, 10 c) 10, 8, 9 d) 10, 9, 8

8. Use a picture to write a story about three different numbers 5, 2, and 4. Put the numbers in order from least to greatest.



Exercise

1. Betty has more than 6 balls.
She has fewer than 9 balls.
How many balls did Betty have? Circle the correct answer.

a) 3

b) 9

c) 6

d) 8

2. Put the correct symbol '<', '=', or '>' in the circle.

a) 5 9b) 8 7c) 8 10d) 4 4e) 12 7f) 9 12g) 9 7h) 11 11

3. Kathy has 7 balloons.
Luca has 4 balloons.

Draw pictures in the boxes.

Who has more balloons?

Put the correct sign in the circle.

Kathy

Luca



Exercise

4. Rearrange the numbers from least to greatest.

a) 3, 9, 10, and 5

3			10
---	--	--	----

b) 8, 1, 4, and 7

--	--	--	--

c) 9, 5, 6, and 12

--	--	--	--

d) 3, 8, 2, and 5

--	--	--	--

5. Rearrange the numbers from greatest to least.

a) 2, 7, 5, and 9

9			2
---	--	--	---

b) 4, 11, 6, and 8

--	--	--	--

c) 6, 9, 2, and 7

--	--	--	--

d) 5, 3, 9, and 6

--	--	--	--

Exercise

6. Circle the group of numbers that is in the ascending order.

a) 2, 5, 8

b) 8, 2, 5

c) 8, 5, 2

d) 2, 8, 5

7. Choose three numbers less than 9.

8. Put your numbers in an order from smallest to largest.

9. Reva is 6 years old.

Alisha is 9 years old.

Martina is 7 years old.

_____ is the oldest among them.

_____ is the youngest among them.

10. Yuki eats 2 oranges.

Leo eats 7 apples.

Julio eats 4 ice creams.

Use picture to tell this story.



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
Lesson 3	Addition Exploration Part I
	Unit 3.1 Addition Using Objects
	Unit 3.2 Addition Equaling 6
	Unit 3.3 Addition Equaling 7
	Unit 3.4 Addition Equaling 8
	Unit 3.5 Addition Equaling 9
	Unit 3.6 Math Challenges
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



Math Practice Sheets

Addition Exploration Part I

Student Name _____

Examples

Practice Questions

Extra Challenge Unit

Example

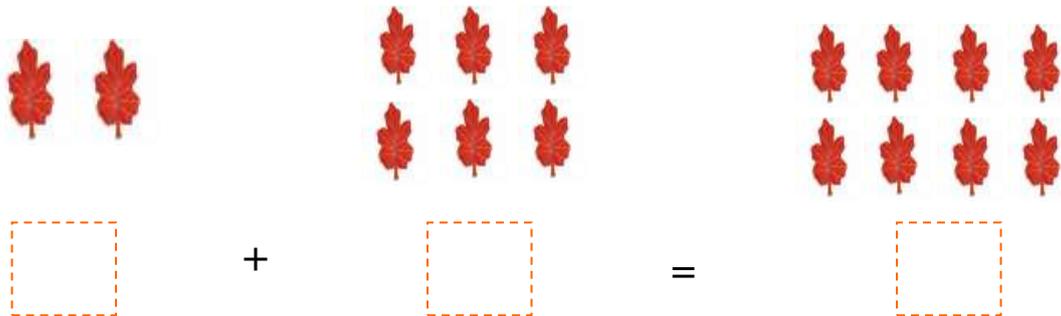
Count and Add.



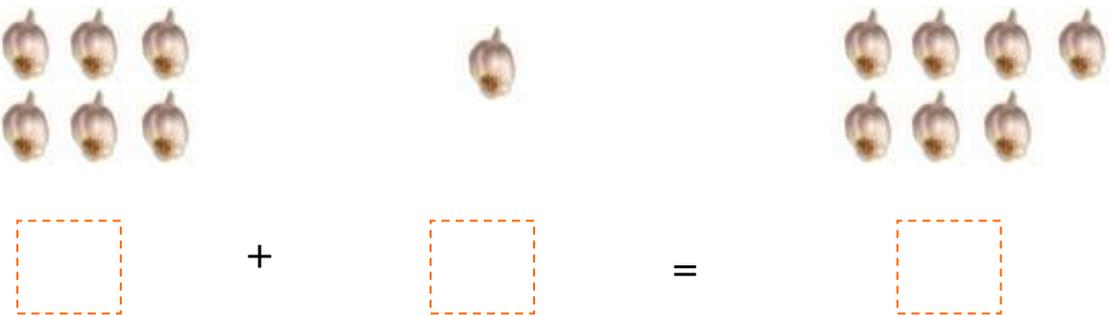
Exercise

1. Count the objects and write the numbers in all.

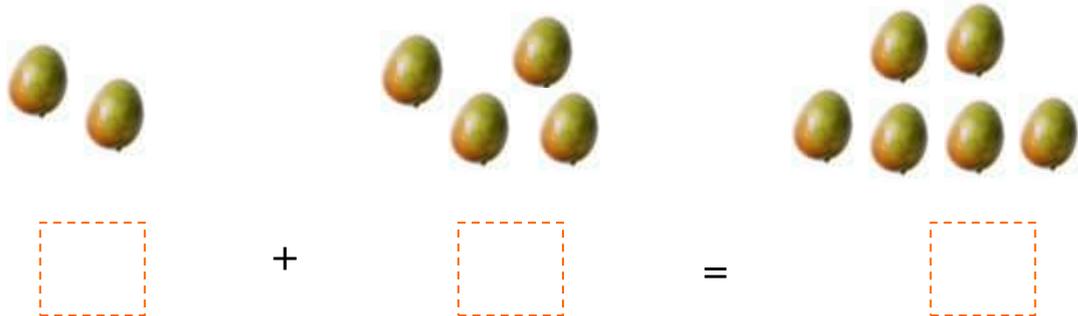
a)



b)



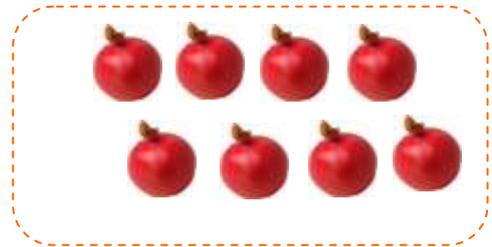
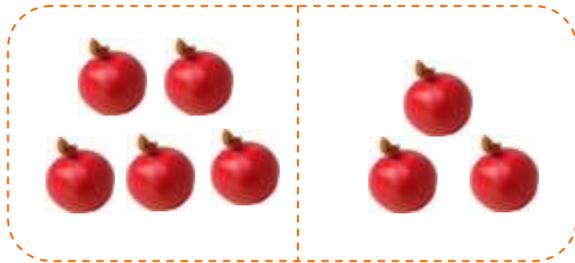
c)



Exercise

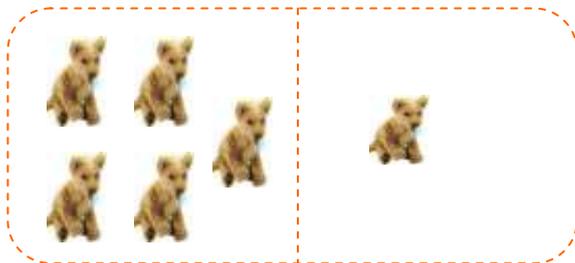
2. Count and write the number in all.

a)



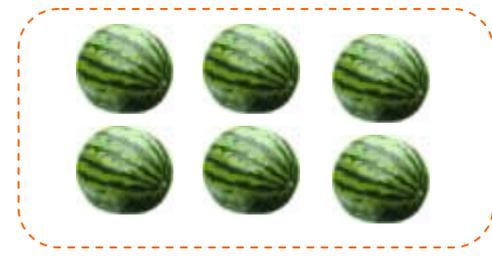
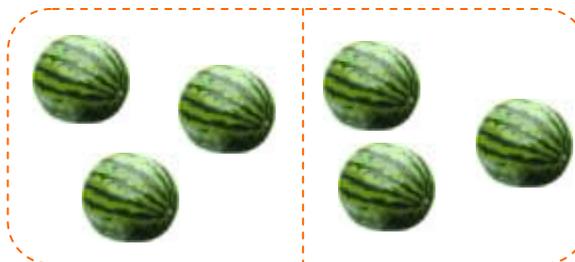
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

b)



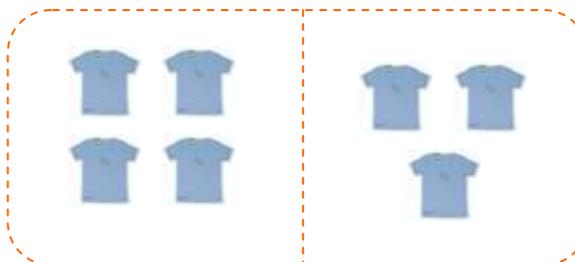
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

c)



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

d)



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Exercise

3. Fill in the blanks as shown. Draw the total amount of items in the box on the right.

a)

6 + 1 = 7

b)

___ + ___ = ___

c)

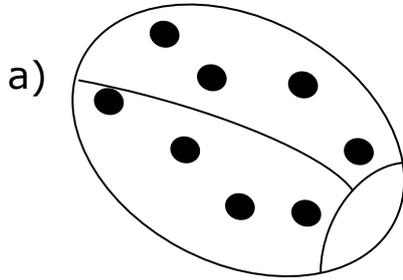
___ + ___ = ___

d)

___ + ___ = ___

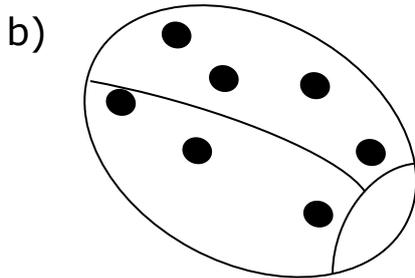
Exercise

4. Count the dots and add.



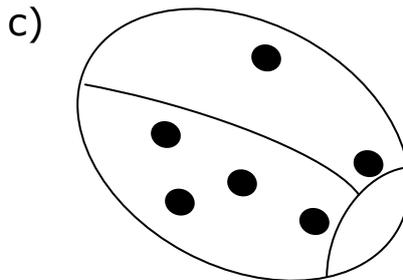
$$\underline{4} + \underline{4} = \underline{8}$$

The ladybug has _____ dots altogether.



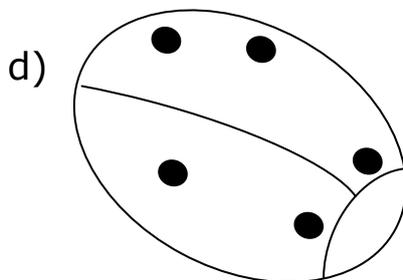
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

The ladybug has _____ dots altogether.



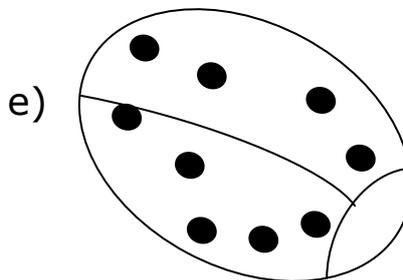
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

The ladybug has _____ dots altogether.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

The ladybug has _____ dots altogether.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

The ladybug has _____ dots altogether.

Exercise

Solve the problems below.

5. Gloria draws 3 big balloons.
Then she draws 4 small balloons.
How many balloons does Gloria draw in all?
Use counters to solve.



_____ balloons

6. James has 5 white shirts and 4 red shirts. How many shirts does James have in all? Circle.

a) 6

b) 8

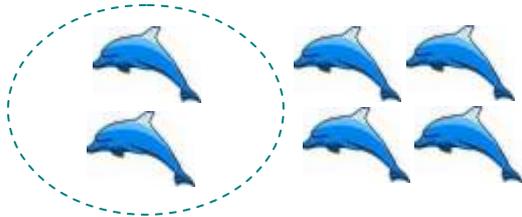
c) 7

d) 9

7. Jasmine has 3 science books.
She has 5 math books too.
How many books does Jasmine have?

_____ books

Example



2 inside 4 outside

6 in all

$$2 + 4 = 6$$



0 inside



6 outside

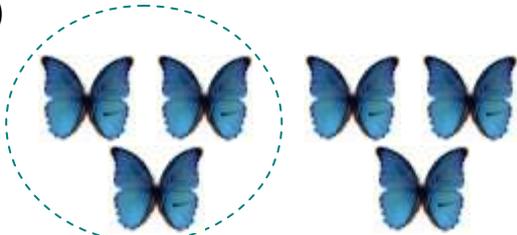
6 in all

$$0 + 6 = 6$$

Exercise

1. Fill in the blanks.

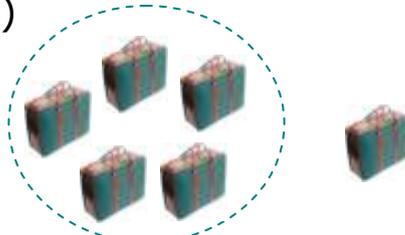
a)



_____ inside _____ outside

_____ in all

b)

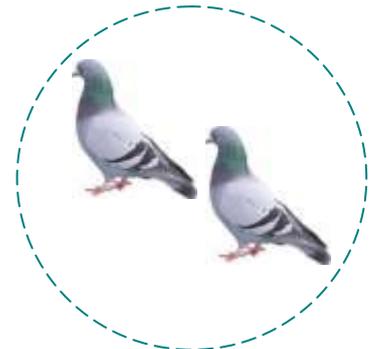


_____ inside _____ outside

_____ in all

2. There are 6 pigeons in all.
There are 2 pigeons in the circle.
The rest of the pigeons are in box below.
There are _____ pigeons in the box.

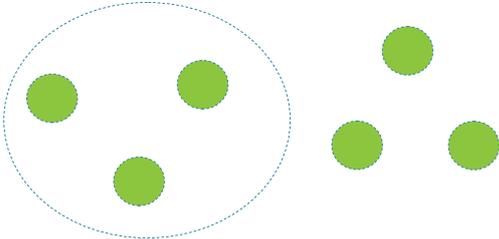
Draw the pigeons in the box.



Exercise

3. Fill in the blanks.

a)



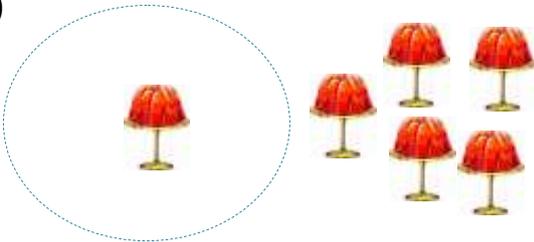
There are 3 dots inside.
There are 3 dots outside.
There are 6 dots in all.

b)



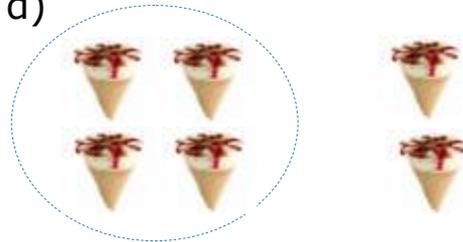
There are _____ bags inside.
There are _____ bags outside.
There are _____ bags in all.

c)



There are _____ lamps inside.
There are _____ lamps outside.
There are _____ lamps in all.

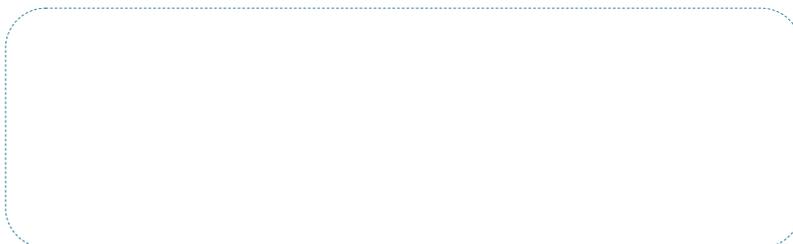
d)



There are _____ cones inside.
There are _____ cones outside.
There are _____ cones in all.

4. There are 6 Pizzas in all.
There are 2 pizzas in the circle.
There are _____ pizzas in a box.

Draw the rest of the pizzas in the box below.



Exercise

Solve the problems below.

5. Luiz draws 4 red balloons.
He draws 2 green balloons.
How many balloons are there in all?
Draw a picture to solve.

_____ balloons



6. Xavier puts 5 pens inside the school bag.
He puts one pen in a pocket.
How many pens are there in all? Circle.

a) 7

b) 6

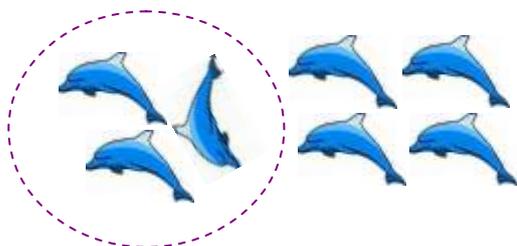
c) 5

d) 8

7. Draw picture of 6 balls.
Make some red and the rest green.
Use numbers to tell about red, green, and the total balls.

_____ red balls _____ green balls _____ total balls

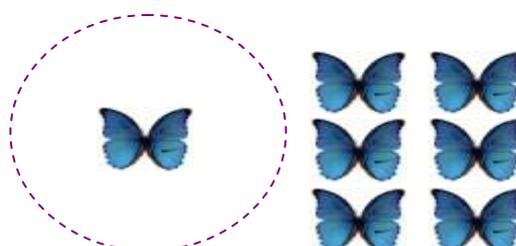
Example



3 inside 4 outside

7 in all

$$3 + 4 = 7$$



1 inside 6 outside

7 in all

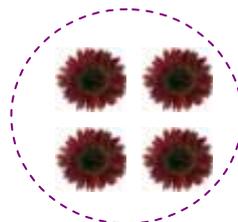
$$1 + 6 = 7$$

Exercise

1. Fill in the blanks.

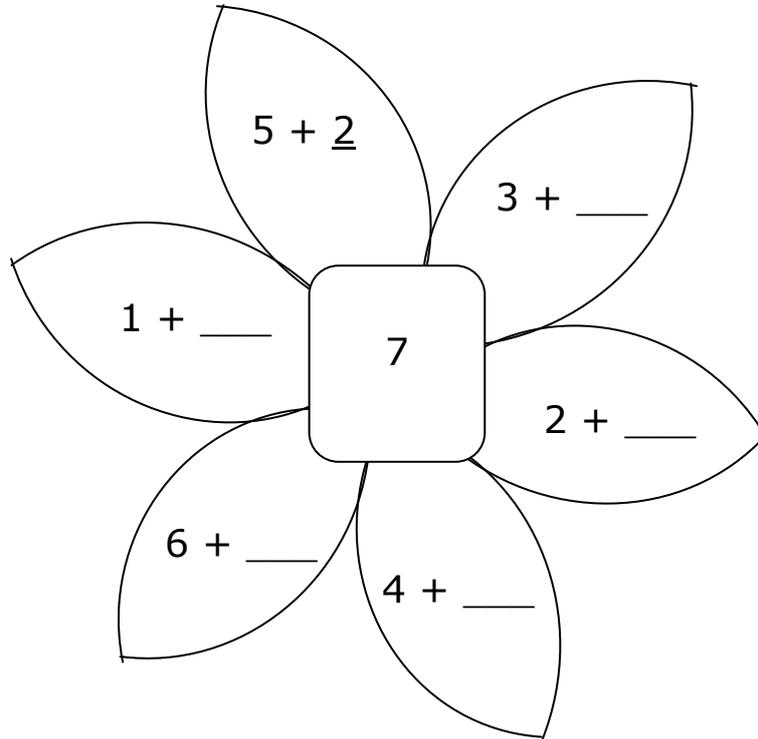
<p>a)</p> <p>_____ inside _____ outside</p> <p>_____ in all</p> <div style="border: 1px dashed purple; width: 150px; height: 20px; margin: 10px auto;"></div>	<p>b)</p> <p>_____ inside _____ outside</p> <p>_____ in all</p> <div style="border: 1px dashed purple; width: 150px; height: 20px; margin: 10px auto;"></div>
--	--

2. There are 7 flowers in all.
 There are 4 flowers in the circle.
 The rest of the flowers are in a box.
 There are _____ flowers in the box.
 Draw the flowers in the box.



Exercise

3. Write the missing numbers.



4. Fill the parts and whole of 7 as shown below.

<p>a)</p>	<p>b)</p>
<p>c)</p>	<p>d)</p>

Exercise

Solve the problems below.

5. 4 children are playing tennis.
3 children are playing tetherball.
How many children are playing altogether?
Use counters to solve.

_____ children



6. 6 birds are on a tree.
1 bird joins them.
How many birds are there altogether? Circle the correct answer.

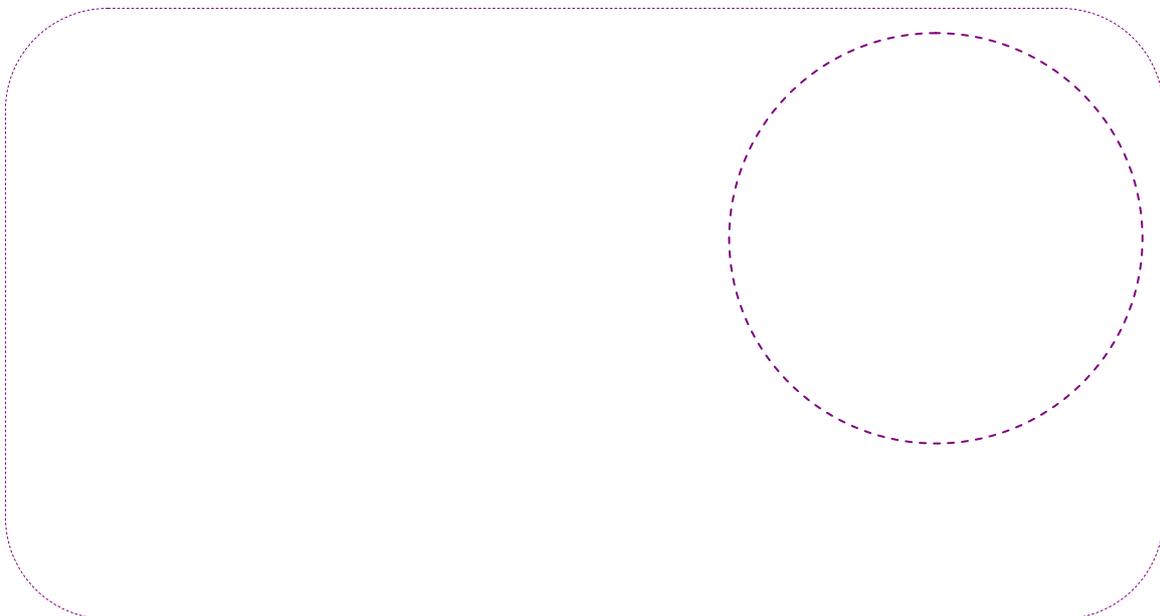
a) 9

b) 6

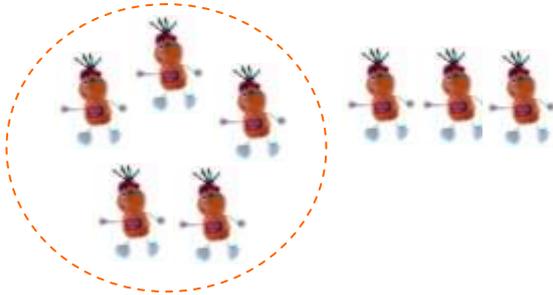
c) 8

d) 7

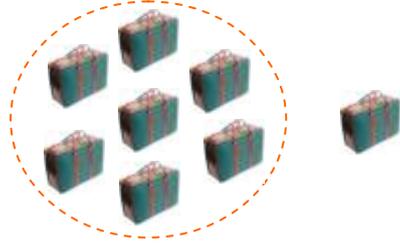
7. There are 7 bananas in all.
Draw some outside the circle.
Draw the rest inside the circle.
Write how many are outside and inside.



Example



$5 + 3 = 8$



$7 + 1 = 8$

Exercise

1. Fill in the blanks.

a)

_____ inside _____ outside

_____ in all

b)

_____ inside _____ outside

_____ in all

2. There are 8 dolls in all.
There are 6 dolls in the box on the right.
The rest of the dolls are in the box below.
There are _____ dolls in the box below.

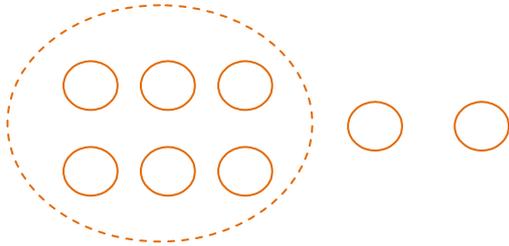
Draw the dolls in the box.



Exercise

3. Write number sentences to make 8.

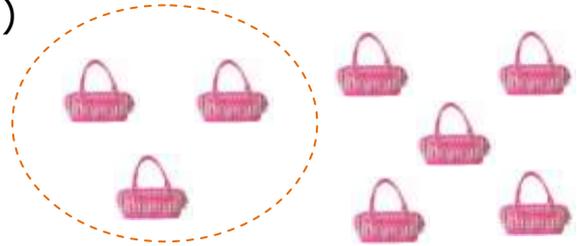
a)



There are 6 circles inside.
There are 2 circles outside.
There are 8 circles in all.

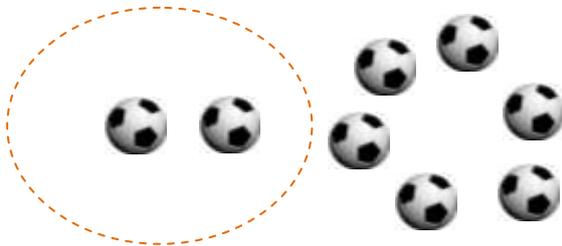
$$6 + 2 = 8$$

b)



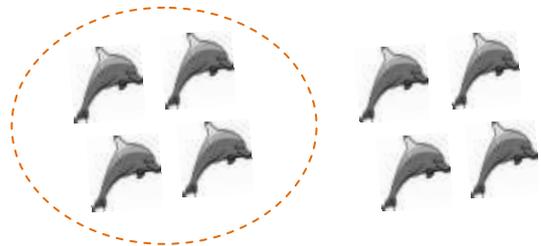
There are ____ bags inside.
There are ____ bags outside.
There are ____ bags in all.

c)



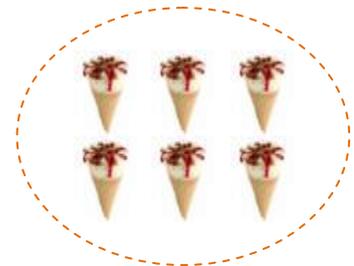
There are ____ balls inside.
There are ____ balls outside.
There are ____ balls in all.

d)



There are ____ dolphins inside.
There are ____ dolphins outside.
There are ____ dolphins in all.

4. There are 8 ice cream cones in all.
There are 6 ice cream cones in the circle.
There are ____ ice cream cones in the box.



Draw the rest ice cream cones in the box.

Exercise

Solve the problems below.

5. Autumn has 6 ice cream cones.
Her mother gives her 2 more ice
cream cones.
How many ice cream cones does she
have in all?

Use counters to solve.

_____ ice creams in all.



6. Eva draws 3 yellow flowers.
Then she draws 5 red flowers.
How many flowers does Eva draw in all? Circle.

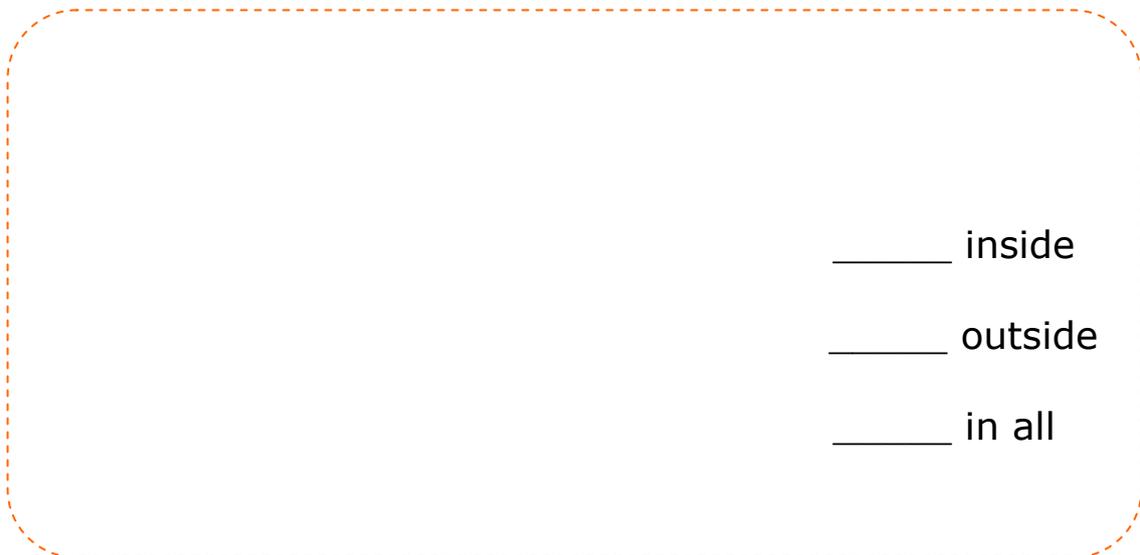
a) 9

b) 7

c) 8

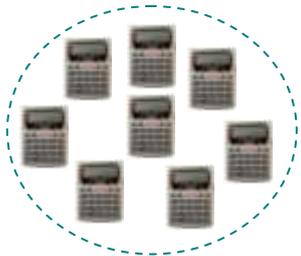
d) 6

7. Draw a picture of 8 dolls.
Put some dolls inside the circle.
Put some dolls outside.
Write numbers to tell the story.



_____ inside
_____ outside
_____ in all

Example

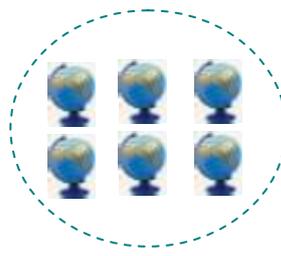


8 inside

1 outside

9 in all

$$8 + 1 = 9$$



6 inside

3 outside

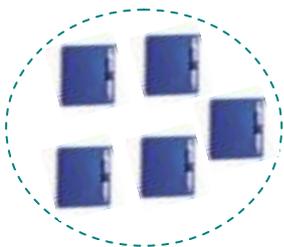
9 in all

$$6 + 3 = 9$$

Exercise

1. Fill in the blanks.

a)

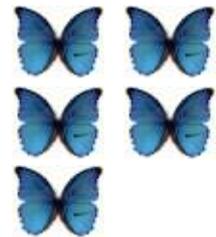
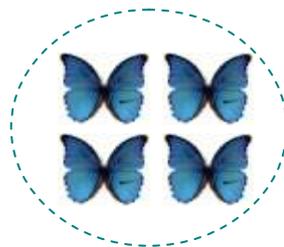


_____ inside

_____ outside

_____ in all

b)

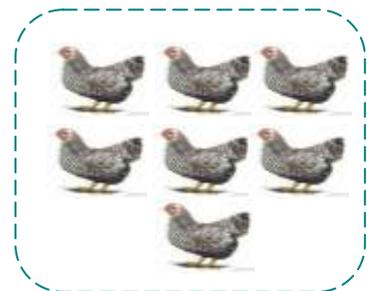


_____ inside

_____ outside

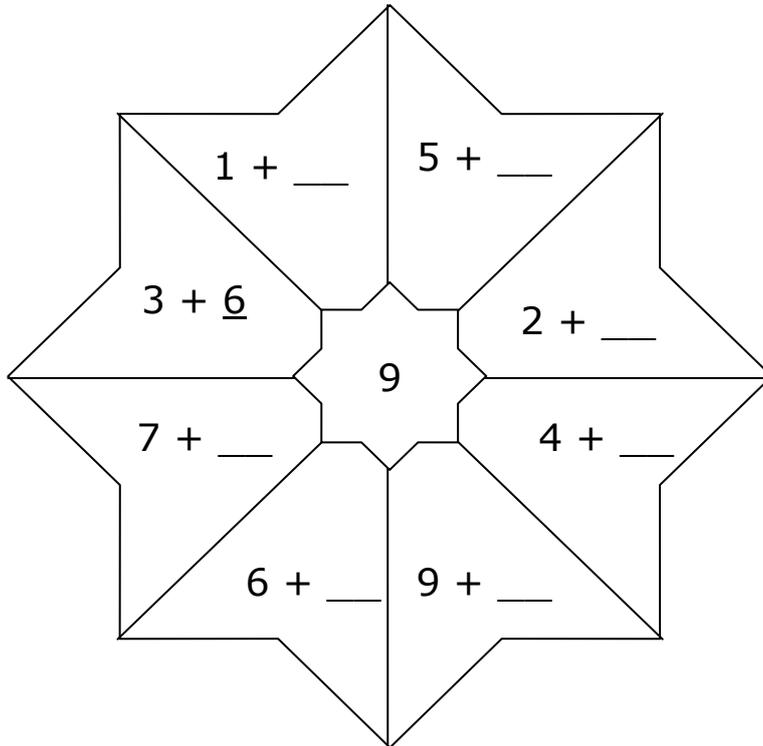
_____ in all

2. There are 9 hens in all.
There are 7 hens in the box at the right.
The rest of the hens are in the box below.
There are _____ hens in the box below.
Draw the hens in the box.



Exercise

3. Write the missing numbers to make 9.



4. Fill the parts and whole of 9 as shown below.

<p>a)</p>	<p>b)</p>
<p>c)</p>	<p>d)</p>

Exercise

Solve the problems below.

5. Jacob draws 7 big eggs.
Then he draws 2 small eggs.
How many eggs does Jacob draw
in total?

Draw a picture to solve.



_____ eggs

6. Roberto sees 5 red fish.
Then he sees 4 white fish.
How many fish does Roberto see in all? Circle.

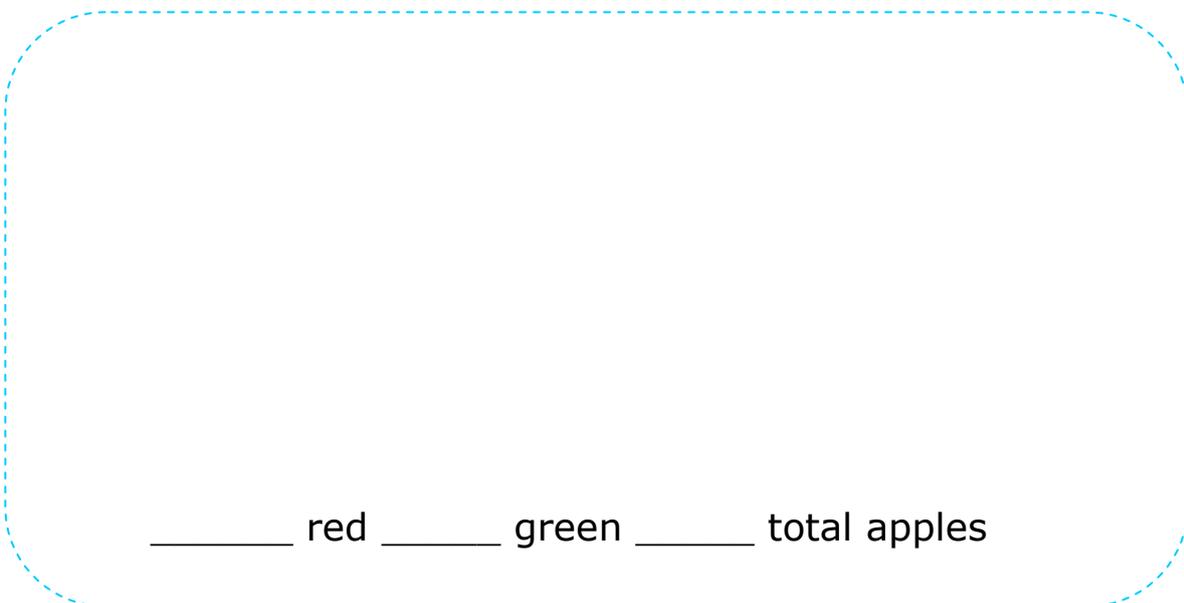
a) 9

b) 8

c) 10

d) 7

7. Draw a picture of 9 apples.
Make some red and the rest green.
Use numbers to tell about the red, green, and total apples.



_____ red _____ green _____ total apples

Exercise

1. Solve the problems given below.

a) In a class, there are 5 girls and 4 boys.

How many students are there? _____

5
+ 4

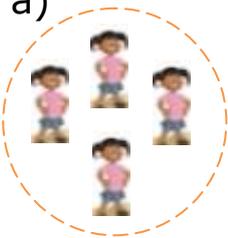
b) 3 black birds fly in the sky.
4 green birds join them.

How many birds are flying altogether? _____

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2. Write the number of objects. Find out the number in all.

a)

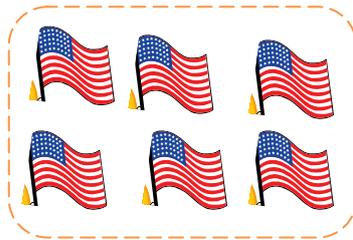
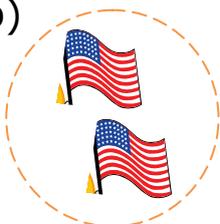


There are _____ dolls in the circle.
There are _____ dolls in the box.

There are 6 dolls in all.

Write the addition equation. _____ + _____ = _____

b)



There are _____ flags in the circle.
There are _____ flags in the box.

There are _____ flags in all.

Write the addition equation. _____ + _____ = _____

Exercise

Solve the problems below.

3. There are 3 bananas and 5 apples.
How many fruits are there in all?
Draw pictures to solve.

Bananas



Apples



Write the addition equation. $\underline{\quad} + \underline{\quad} = \underline{\quad}$

Circle the correct answer.

4. There were 5 mangoes in a tree and 4 in another tree.
How many mangoes were there altogether?

a) 8

b) 6

c) 9

d) 3

Write the addition equation. $\underline{\quad} + \underline{\quad} = \underline{\quad}$

5. Michael had 2 marbles in his pocket. Johnson had 4 marbles in his pocket. How many marbles did they have altogether?

a) 2

b) 4

c) 8

d) 6

Write the addition equation. $\underline{\quad} + \underline{\quad} = \underline{\quad}$

6. There were 4 boys and 3 girls in a class. How many students were there altogether?

a) 4

b) 7

c) 3

d) 1

Exercise

7. Find the 6 number sentences to make 5.

$$\begin{array}{l} \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

8. Find the 7 number sentences to make 6.

$$\begin{array}{l} \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

9. Find the 8 number sentences to make 7.

$$\begin{array}{l} \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

10. Find the 9 number sentences to make 8.

$$\begin{array}{l} \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

11. How many different number sentences can you write to make 9?

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
Lesson 3	Addition Exploration Part I
Lesson 4	Addition Exploration Part II
	Unit 4.1 Addition Using Number Line
	Unit 4.2 Learning Addition Number Sentences
	Unit 4.3 Stories about Joining in Addition
	Unit 4.4 Order in Adding
	Unit 4.5 Using Objects in Problem Solving
	Unit 4.6 Math Challenges
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



Next
