

Math Practice Sheets

Introduction to Addition and Subtraction

Student Name

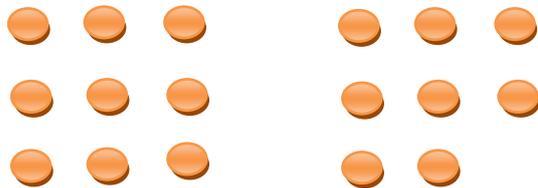
Examples

Practice Questions

Extra Challenge Unit

Example

Add the counters and write addition sentences.

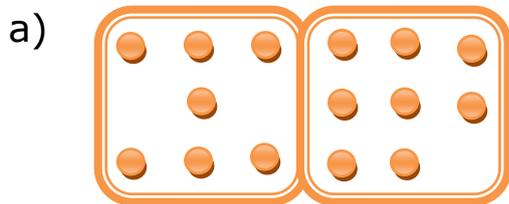


$$9 + 8 = 17$$

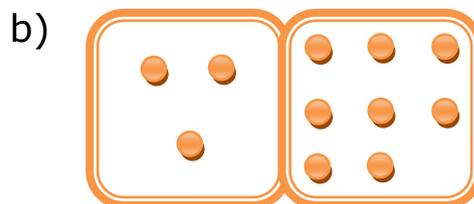
↑ ↑
9 plus 8 equals 17.

Exercise

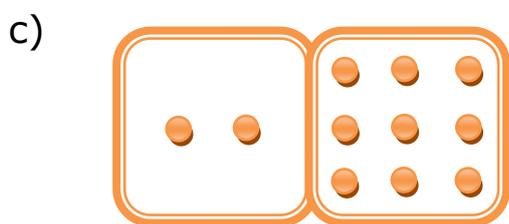
1. Write an addition sentence for the counters.



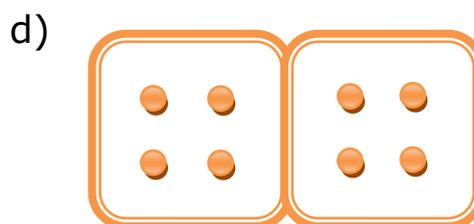
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



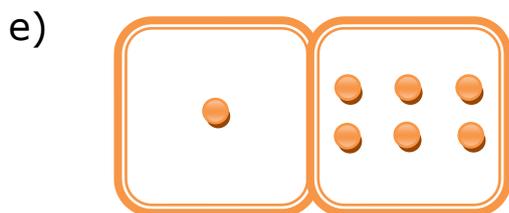
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



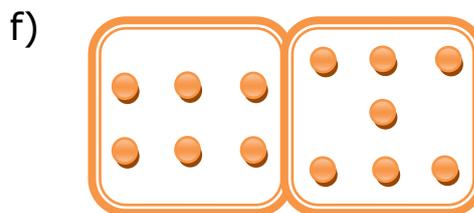
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



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



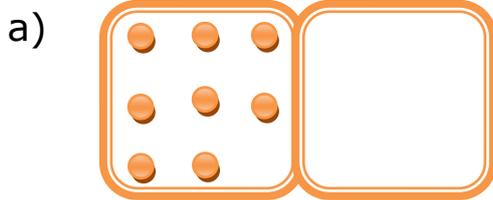
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



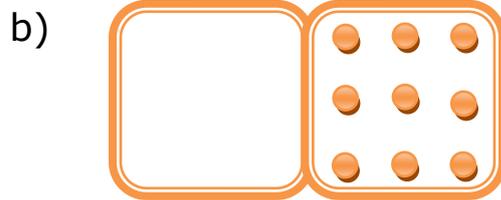
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Exercise

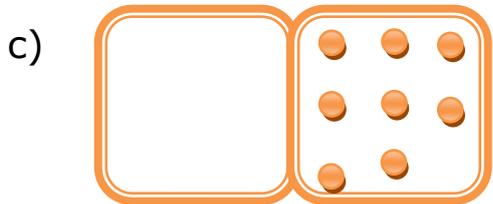
2. Fill in the missing counters. Then write the missing number.



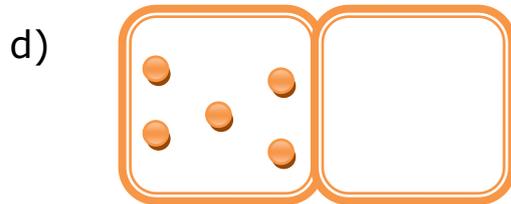
$$8 + \underline{\quad} = 13$$



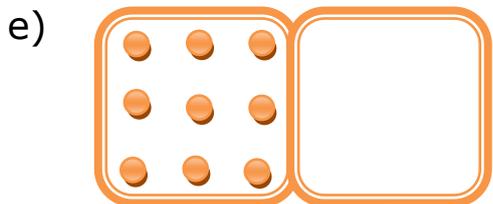
$$\underline{\quad} + 9 = 18$$



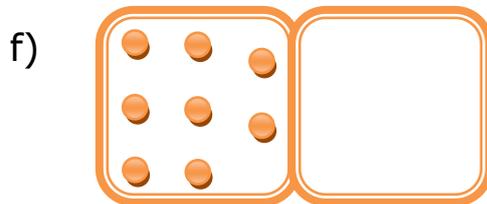
$$\underline{\quad} + 8 = 15$$



$$5 + \underline{\quad} = 11$$



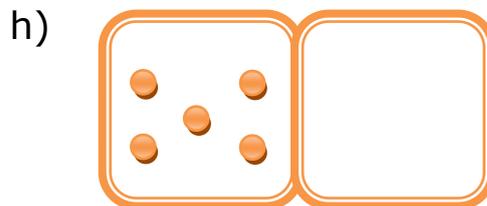
$$9 + \underline{\quad} = 10$$



$$8 + \underline{\quad} = 17$$



$$\underline{\quad} + 4 = 9$$

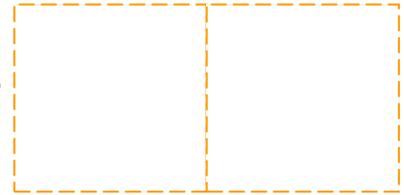


$$\underline{\quad} + 5 = 12$$

Exercise

Solve the problems below.

3. Taylor has 4 blue basketballs.
Yoko has 5 yellow basketballs.
How many basketballs do they have in all?



Use the box to solve the problem.
Then write the addition sentence.

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

4. Grace buys 7 books.
Her brother buys 6 more books.
How many books do they have in all?

Circle the addition sentence that shows this problem.

a) $6 + 8 = 14$

b) $6 + 1 = 7$

c) $7 + 6 = 13$

d) $7 + 8 = 15$

5. Rosa has 6 bananas.
Her father gives her some more bananas.
Now she has 10 bananas.

How many bananas does she get from her father? Fill in the missing part.



Then complete the addition sentence.

$$6 + \underline{\quad} = 10$$

Example

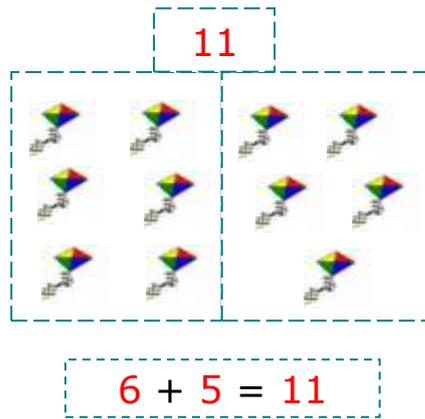
Martina draws 6 small kites.

Then she draws 5 more.

How many kites did

Martina draw in all?

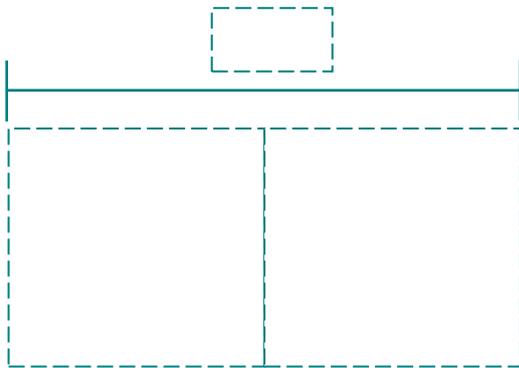
Martina drew 11 kites in all.



Exercise

1. Read following stories. Draw pictures to find each sum. Then write addition sentences.

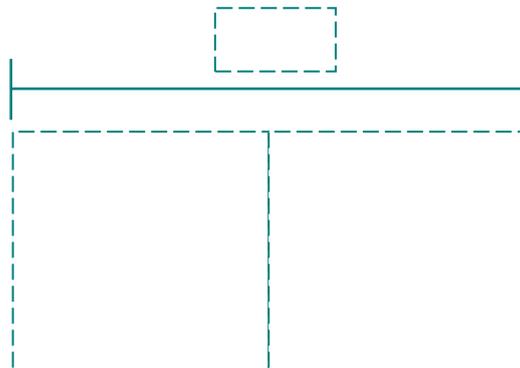
a) Dave sees 3 red roses.
He then sees 5 red roses.
How many red rose does
Dave see in all?



___ + ___ = ___

_____ red roses

b) Nina borrows 7 books from
the library. Jamal borrows 6
books from the Library.
How many books do they
borrow in all?

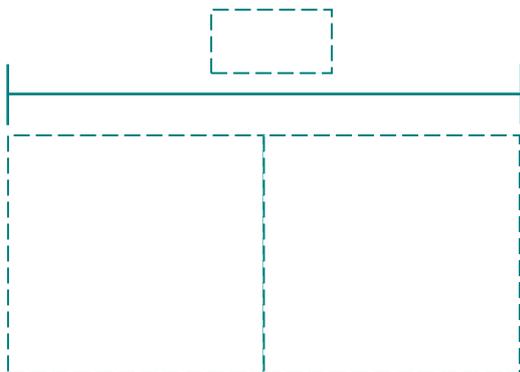


___ + ___ = ___

_____ books in all

Exercise

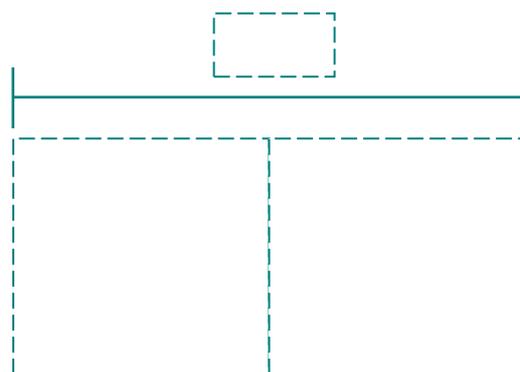
c) Steve has 7 fish.
Gina has 2 fish.
How many fish do they have
in total?



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

_____ fish

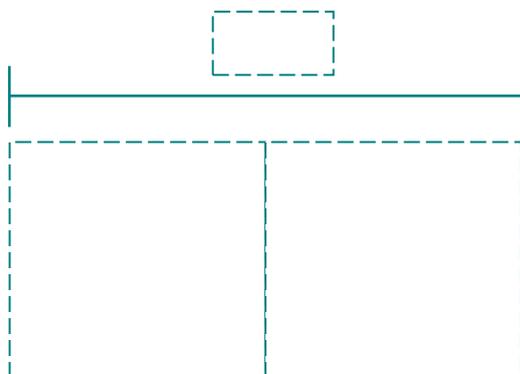
d) Jesse buys 9 bananas.
Her sister buys 1 more.
How many bananas do
they buy in all?



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

_____ bananas

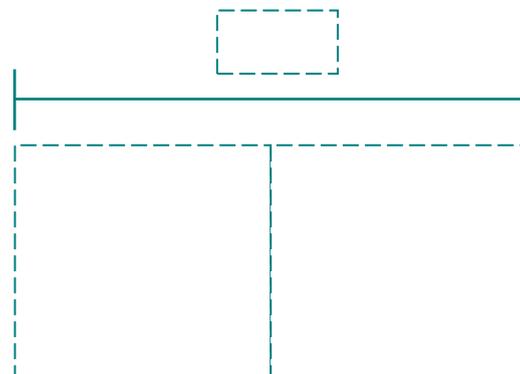
e) Craig counts 5 stars.
Zach counts 7 stars.
How many stars do they
count in all?



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

_____ stars

f) There are 4 birds in a tree.
3 more birds join them.
How many birds are there
in all?



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

_____ birds

Exercise

Solve the problems below.

2. 6 students are in the classroom.
Then 3 more students go into the classroom.
How many students are in the classroom now?

Draw picture to find the sum.
Then write an addition sentence.

_____ students

3. Jermaine makes 9 flowers.
Kerry makes 7 flowers.
How many flowers do they make in total?

a) $7 + 2 = 9$

b) $4 + 3 = 7$

c) $5 + 4 = 9$

d) $9 + 7 = 16$

4. Draw 3 red balloons and 2 green balloons.
How many balloons did you draw in all?



Write addition sentence.

___ + ___ = ___

Example

10 10

10 - 6 = 4

10 minus 6 equals 4.

Exercise

1. Draw the missing counters. Then write a subtraction sentence for each.

<p>a)</p> <p>_____ - _____ = _____</p>	<p>b)</p> <p>_____ - _____ = _____</p>
<p>c)</p> <p>_____ - _____ = _____</p>	<p>d)</p> <p>_____ - _____ = _____</p>
<p>e)</p> <p>_____ - _____ = _____</p>	<p>f)</p> <p>_____ - _____ = _____</p>

Exercise

2. Draw the missing pictures. Then write a subtraction sentence for each problem.

a)

11

$11 - \underline{\quad} = \underline{7}$

b)

16

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

c)

9

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

d)

18

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

e)

8

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

f)

12

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

Exercise

Solve the problems below.

3. William picks 12 flowers.
He gives 7 flowers to his mother.
How many flowers does
William have left?



_____ flowers

Write the subtraction sentence.

___ - ___ = ___

4. There are 15 bananas.
Patrick takes 6 bananas.
How many bananas are left?

Pick the correct subtraction sentence.

a) $15 - 6 = 9$

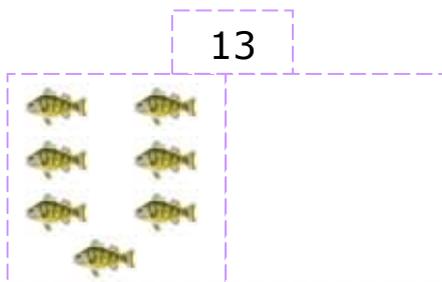
b) $15 - 9 = 6$

c) $9 - 6 = 3$

d) $15 - 8 = 7$

5. Ramon and Kerry caught 13 fish.
Ramon caught 7 fish.
How many fish did Kerry catch?

Draw the picture, then write subtraction sentence.



___ - ___ = ___

Example

There are 12 students.

7 of the students are girls.

How many students are boys?



5 students are boys.

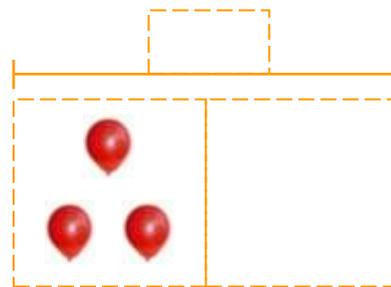
$$12 - 7 = 5$$

Exercise

1. Draw a picture to find the difference. Then write a subtraction sentence.

- a) There are 11 balloons.
3 balloons popped.
How many balloons are left?

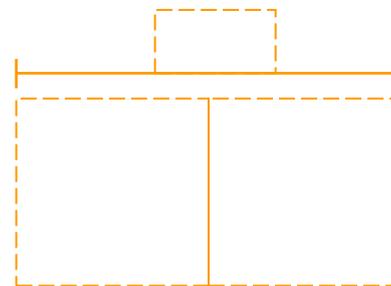
_____ balloons



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

- b) 9 birds are on a tree.
5 birds fly away.
How many birds are left?

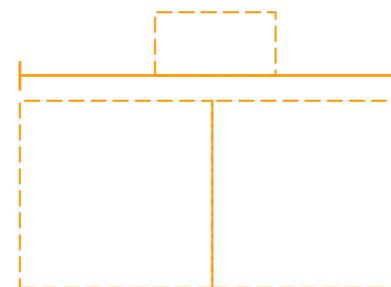
_____ birds



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

- c) Josh has 10 eggs.
He boils 4 eggs.
How many eggs are not boiled?

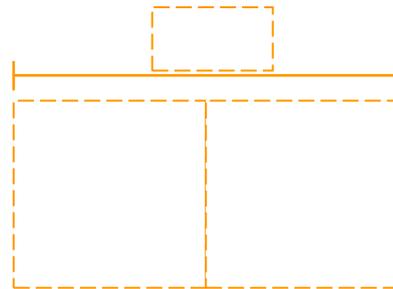
_____ eggs



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

Exercise

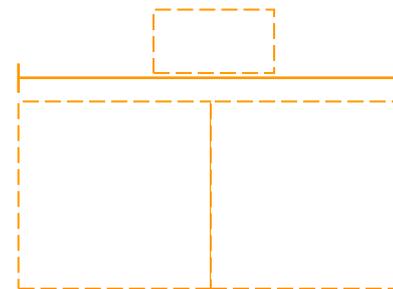
- d) There are 14 dogs.
5 dogs are big.
All of the other dogs are small.
How many dogs are small?



_____ small dogs

___ - ___ = ___

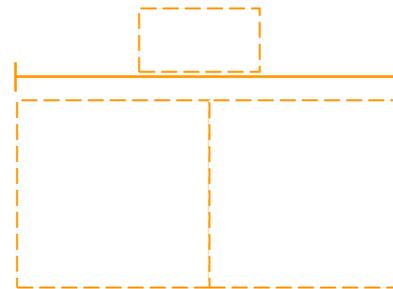
- e) Mark bakes 12 cupcakes.
His friends eat 6 cupcakes.
How many cupcakes are left?



_____ cupcakes

___ - ___ = ___

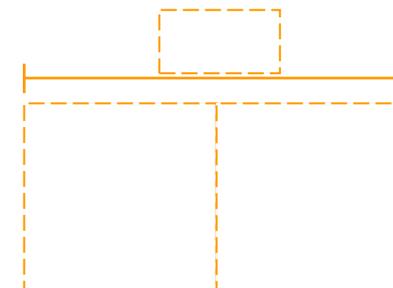
- f) 15 students are in the library.
7 students leave the library.
How many students
are still in the library?



_____ students

___ - ___ = ___

- g) There are 13 slices of pizza.
9 slices of pizza are eaten.
How many slices of pizza are left?



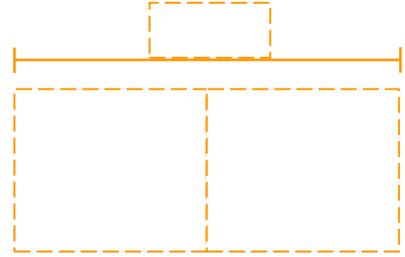
_____ slices

___ - ___ = ___

Exercise

Solve the problems below.

2. 7 sweets are on a plate.
Felix eats 5 sweets.
How many sweets are still on a plate?



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

 sweets are left in the plate.

3. There are 10 trees altogether.
3 of the trees are cut down.
How many trees are left?

Circle the correct subtraction sentence.

a) $10 - 7 = 3$

b) $10 - 3 = 7$

c) $7 - 3 = 4$

d) $7 - 4 = 3$

4. 12 students are playing football.
6 of the students are boys.
How many students are girls?

Use pictures, numbers, or words to solve the problem.



Example

Brian borrows 8 books.



Steve borrows 5 books.



How many more books does Brian borrow than Steve borrows?

$$8 - 5 = 3$$

Exercise

1. Find the difference. Write a subtraction sentence.

a) Gina has 9 fish.



Mark has 7 fish.



How many more fish does Gina have than Mark?

_____ more fish

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

b) Martina buys 11 bananas.

Mara buys 6 bananas.

How many fewer bananas does Mara buy than Martina buys?



_____ fewer bananas

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

c) Craig counts 10 stars.

Marti counts 5 stars.

How many more stars does Craig count than Marti counts?



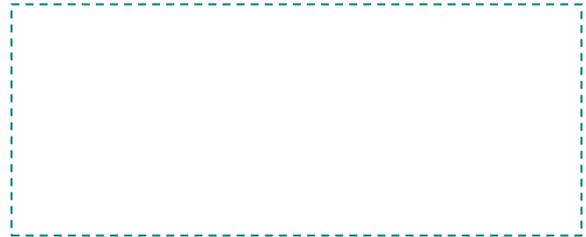
_____ more stars

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

Exercise

2. Draw a picture to show each story. Find the difference for each story. Then write a subtraction sentence for each story.

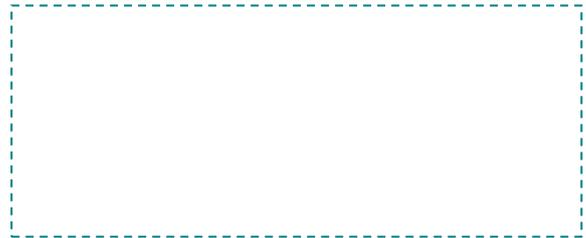
- a) Felicia has 7 popsicles.
Janice has 5 popsicles.
How many fewer popsicles
does Janice have than
Felicia has?



_____ fewer popsicles

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

- b) Max has 12 apples.
Carol has 10 apples.
How many more apples does
Max have than Carol has?



_____ more apples

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

- c) Ben cuts out 10 stars.
Pedro cuts out 7 stars.
How many fewer stars does
Pedro cuts out than Ben
cuts out?



_____ fewer stars

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

- d) Jon picks 9 flowers.
Jessica picks 6 flowers.
How many more flowers
does Jon pick than Jessica
picks?



_____ more flowers

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

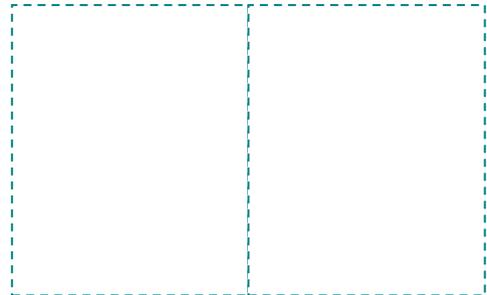
Exercise

Solve the problems below.

3. Fredric sees 8 cars and 3 buses.
How many more cars than buses does Fredric see?

Use counters to find the difference.

_____ more cars.



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

4. Annie makes 11 kites.
Adam makes 5 kites.
How many fewer kites does Adam make than Annie?

a) $11 - 6 = 5$

b) $6 - 5 = 1$

c) $11 - 10 = 1$

d) $11 - 5 = 6$

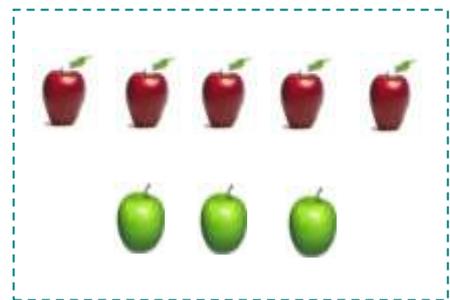
5. Look at the pictures and answer the following.

a) How many red apples are there?

b) How many green apples are there?

c) What is the color of the most apples?

d) Write a story about the given picture.



Exercise

1. Chang picks ten flowers.
He gives four flowers to his uncle.
How many flowers does Chang have now?

Will you add or subtract? Pick the correct answer.

Add

Subtract

2. Taylor wrote a subtraction sentence.
What number makes his subtraction sentence true?

$$10 - \square = 3$$

a) 10

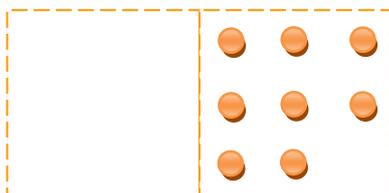
b) 7

c) 6

d) 8

3. How many people live in your house? _____
Add 2 more.
How many in total? Write an addition sentence.

4. Fill in the missing counters and then complete the addition sentence.



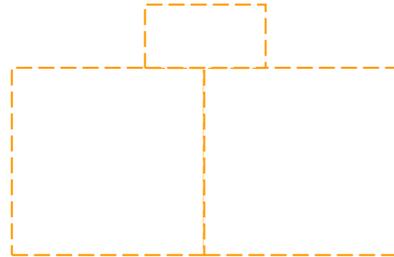
$$\underline{\quad} + 8 = 17$$

Exercise

5. Count the fingers of your right hand and the fingers of your left hand.
How many fingers are in total?

To find the total did you add the number of fingers or did you subtract the number of fingers?

- Add
 Subtract



___ ___ = ___

6. A farmer has 7 cows.
He sells 4 cows.
How many cows are left?
Choose the correct subtraction sentence.

- a) $7 - 3 = 4$ b) $4 - 3 = 1$
c) $7 - 0 = 7$ d) $7 - 4 = 3$

7. At an air show 7 airplanes are flying.
4 airplanes land.
How many airplanes are still flying?

___ - ___ = ___

8. You have 2 books.
You need 7 books.
How many more books do you need?

___ ___ = ___

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	Introduction to Addition and Subtraction
Lesson 2	Addition and Subtraction
	Unit 2.1 Connecting Adding and Subtracting
	Unit 2.2 Inverse Relation of Addition to Subtraction
	Unit 2.3 Inverse Relation of Subtraction to Addition
	Unit 2.4 Balance Equation of Addition and Subtraction
	Unit 2.5 Using Objects in Problem Solving
	Unit 2.6 Math Challenges
Lesson 3	Addition
Lesson 4	Concepts of Addition
Review 1	Review of Lesson 1, 2, 3, and 4
Lesson 5	Subtraction
Lesson 6	Concepts of Subtraction
Lesson 7	Learn Place Value up to 100 Part I
Lesson 8	Learn Place Value up to 100 Part II
Review 2	Review of Lesson 5, 6, 7, and 8
Lesson 9	Counting Money Part I
Lesson 10	Counting Money Part II
Lesson 11	Exploring Mental Addition
Lesson 12	Exploring Mental Subtraction
Review 3	Review of Lesson 9, 10, 11, and 12
Lesson 13	Two-Digit Number Addition
Lesson 14	Use of Addition and Subtraction
Lesson 15	Introduction to Geometry Part I
Lesson 16	Introduction to Geometry Part II
Review 4	Review of Lesson 13, 14, 15, and 16
Lesson 17	Understanding Fractions
Lesson 18	Measurement: Length, Area, and Perimeter
Lesson 19	Measurement: Weight and Capacity
Lesson 20	Understand Time and Temperature Part I
Review 5	Review of Lesson 17, 18, 19, and 20
Lesson 21	Understand Time and Temperature Part II
Lesson 22	Probability, Data, and Graphs
Lesson 23	Understanding Patterns and Numbers to 1,000 Part I
Lesson 24	Understanding Patterns and Numbers to 1,000 Part II
Review 6	Review of Lesson 21, 22, 23, and 24
Lesson 25	Three-Digit Addition and Subtraction
Lesson 26	Introducing Multiplication
Lesson 27	Introducing Division
	Review of Lesson 1 to 14
	Review of Lesson 15 to 27

Math Practice Sheets

Addition and Subtraction

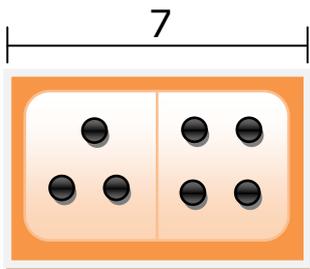
Student Name _____

Examples

Practice Questions

Extra Challenge Unit

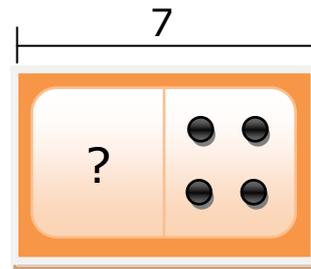
Example



$$3 + 4 = 7$$

$$4 + 3 = 7$$

We can use addition and subtraction sentences to show the whole and the parts.



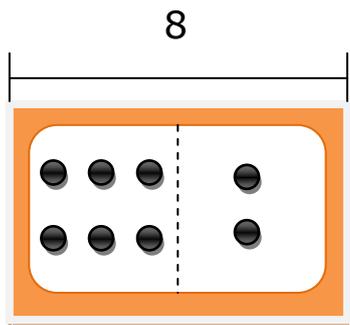
$$7 - 4 = 3$$

$$7 - 3 = 4$$

Exercise

1. Write two addition sentences and two subtraction sentences.

a)



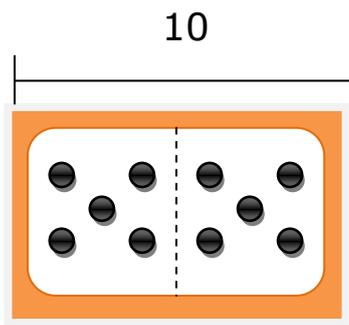
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

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

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

b)



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

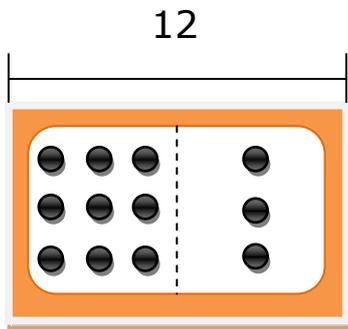
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

Exercise

c)



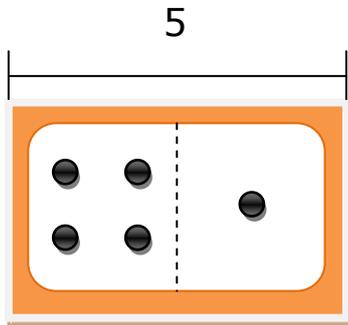
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

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

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

d)



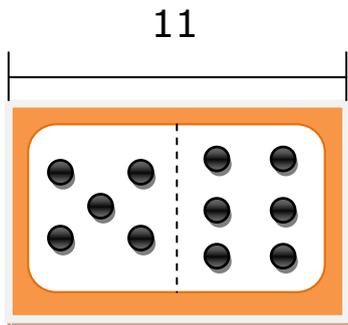
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

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

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

e)



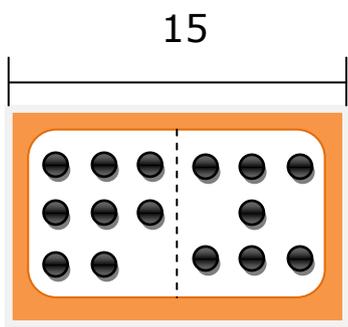
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

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

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

f)



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

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

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

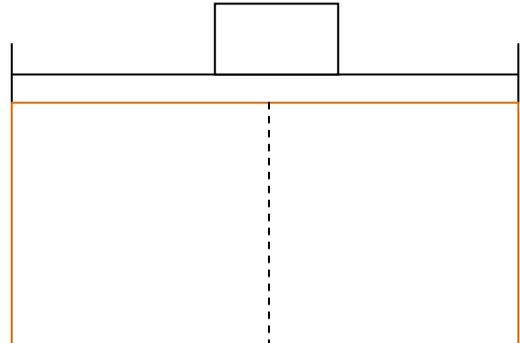
Exercise

Solve the problems below.

2. Nick blows up 2 green balloons.
He blows up 5 blue balloons.

How many balloons does Nick
blow up in total?
Use counters to solve.

Write two addition sentences
and two subtraction to model
the story.



_____ + _____ = _____

_____ + _____ = _____

_____ - _____ = _____

_____ - _____ = _____

3. Lupe has 9 cousins.
5 of the cousins are boys.
How many cousins are girls?
Circle the correct answer.

a) $9 + 5 = 14$

b) $9 - 5 = 4$

c) $5 + 4 = 9$

d) $9 - 4 = 5$

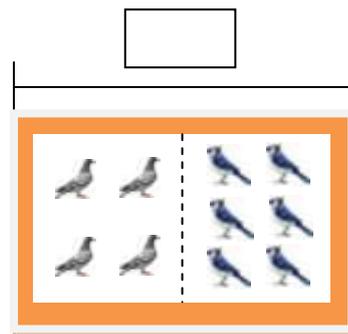
4. Write two addition sentences and two subtraction sentences for
the picture below.

_____ + _____ = _____

_____ + _____ = _____

_____ - _____ = _____

_____ - _____ = _____



Example

$$10 + 5 = 15 \longrightarrow 15 - 5 = 10$$

[Adding 5 to 10 gives 15.] [Subtracting 5 from 15 gives 10.]

$$10 + 5 = 15 \longrightarrow 15 - 10 = 5$$

[Adding 10 to 5 gives 15.] [Subtracting 10 from 15 gives 5.]

Exercise

1. Rewrite the following addition sentences into two different subtraction sentences.

a) $10 + 6 = 16$

$$16 - \underline{\quad} = 10$$

$$16 - 10 = \underline{\quad}$$

b) $9 + 5 = 14$

$$14 - \underline{\quad} = 9$$

$$14 - \underline{\quad} = 5$$

c) $7 + 3 = 10$

$$10 - \underline{\quad} = \underline{\quad}$$

$$10 - \underline{\quad} = \underline{\quad}$$

d) $5 + 8 = 13$

$$13 - \underline{\quad} = \underline{\quad}$$

$$13 - \underline{\quad} = \underline{\quad}$$

e) $9 + 7 = 16$

$$16 - \underline{\quad} = \underline{\quad}$$

$$16 - \underline{\quad} = \underline{\quad}$$

f) $6 + 5 = 11$

$$11 - \underline{\quad} = \underline{\quad}$$

$$11 - \underline{\quad} = \underline{\quad}$$

Exercise

g) $11 + 4 = 15$

$15 - \underline{\quad} = 11$

$15 - 11 = \underline{\quad}$

h) $7 + 5 = 12$

$12 - \underline{\quad} = 5$

$12 - \underline{\quad} = 7$

i) $10 + 7 = 17$

$17 - \underline{\quad} = \underline{\quad}$

$17 - \underline{\quad} = \underline{\quad}$

j) $9 + 6 = 15$

$15 - \underline{\quad} = \underline{\quad}$

$15 - \underline{\quad} = \underline{\quad}$

k) $8 + 6 = 14$

$14 - \underline{\quad} = \underline{\quad}$

$14 - \underline{\quad} = \underline{\quad}$

l) $10 + 2 = 12$

$12 - \underline{\quad} = \underline{\quad}$

$12 - \underline{\quad} = \underline{\quad}$

m) $9 + 9 = 18$

$18 - \underline{\quad} = \underline{\quad}$

$18 - \underline{\quad} = \underline{\quad}$

n) $11 + 5 = 16$

$16 - \underline{\quad} = \underline{\quad}$

$16 - \underline{\quad} = \underline{\quad}$

o) $12 + 5 = 17$

$17 - \underline{\quad} = \underline{\quad}$

$17 - \underline{\quad} = \underline{\quad}$

p) $8 + 8 = 16$

$16 - \underline{\quad} = \underline{\quad}$

$16 - \underline{\quad} = \underline{\quad}$

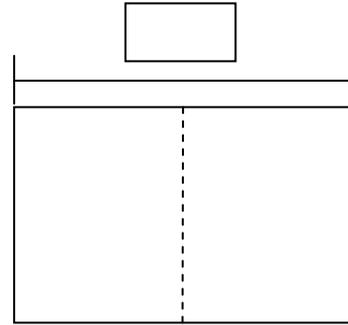
Exercise

Solve the problems below.

2. Thomas has 12 footballs.
He gives 7 footballs to his sister.
How many footballs does he have left?

Use counters to solve.

_____ balls



_____ - _____ = _____

3. Find the missing number for

$7 + \underline{\quad} = 15$

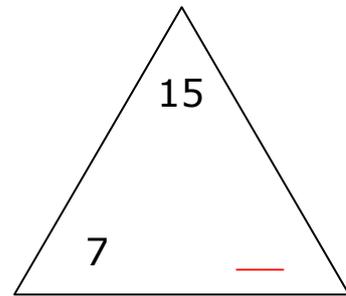
Circle the correct answer.

a) 7

b) 9

c) 8

d) 6



4. There are 9 birds on a tree.
3 more birds join them.

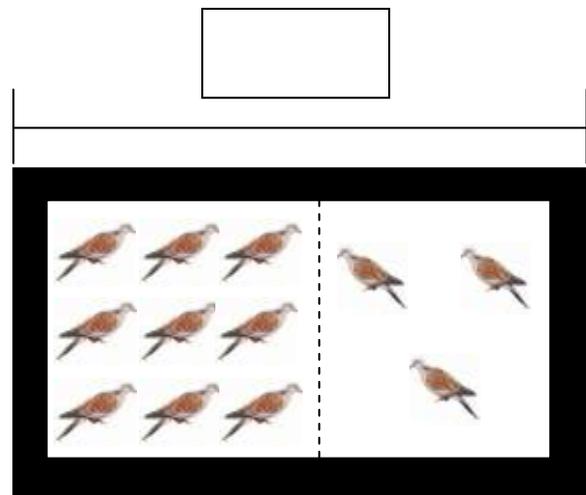
How many birds are there altogether?

Use addition facts and rewrite them in two different subtraction facts.

_____ + _____ = _____

_____ - _____ = _____

_____ - _____ = _____



Example

$$10 - 6 = 4 \longrightarrow 4 + 6 = 10$$

[Subtracting 6 from 10 gives 4.] [Adding 6 to 4 gives 10.]

$$10 - 4 = 6 \longrightarrow 6 + 4 = 10$$

[Subtracting 4 from 10 gives 6.] [Adding 4 to 6 gives 10.]

Exercise

1. Rewrite the following subtraction sentences into two different addition sentences.

a) $14 - 6 = 8$

$$8 + \underline{\quad} = 14$$

$$6 + \underline{\quad} = 14$$

b) $17 - 9 = 8$

$$\underline{\quad} + 9 = 17$$

$$9 + \underline{\quad} = 17$$

c) $15 - 8 = 7$

$$7 + \underline{\quad} = 15$$

$$8 + \underline{\quad} = 15$$

d) $11 - 7 = 4$

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

$$7 + \underline{\quad} = \underline{\quad}$$

e) $12 - 3 = 9$

$$9 + \underline{\quad} = 12$$

$$3 + \underline{\quad} = \underline{\quad}$$

f) $10 - 2 = 8$

$$8 + \underline{\quad} = 10$$

$$2 + \underline{\quad} = 10$$

Exercise

Solve the problems below.

2. There are 17 students in a class.
9 of them are boys.
How many students are girls?

$$\underline{\quad\quad} - \underline{\quad\quad} = \underline{\quad\quad}$$

$\underline{\quad\quad}$ girls

3. The related addition fact for $15 - 7 = 8$ is

a) $7 + 8 = 15$

b) $9 + 6 = 15$

$8 + 7 = 15$

$6 + 9 = 15$

c) $11 + 4 = 15$

d) $5 + 10 = 15$

$4 + 11 = 15$

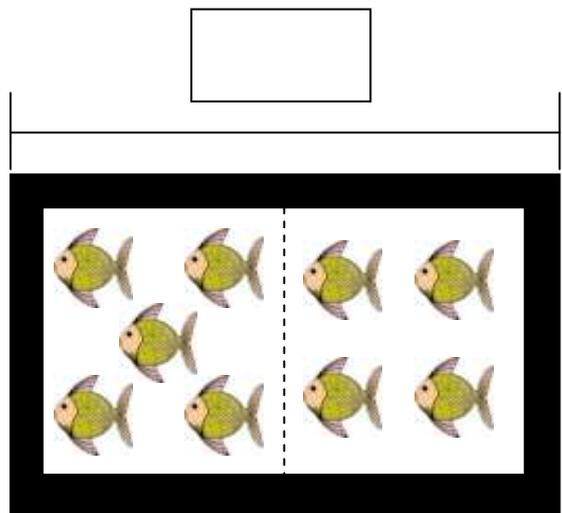
$10 + 5 = 15$

4. Write a subtraction fact and two different addition facts for the given figure.

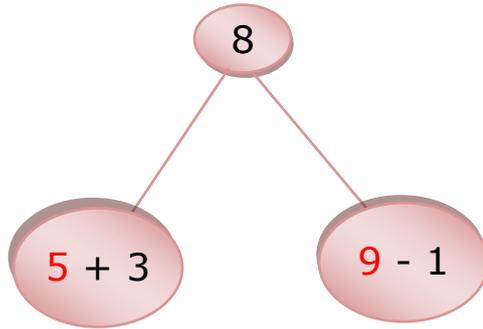
$$\underline{\quad\quad} - \underline{\quad\quad} = \underline{\quad\quad}$$

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

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



Example



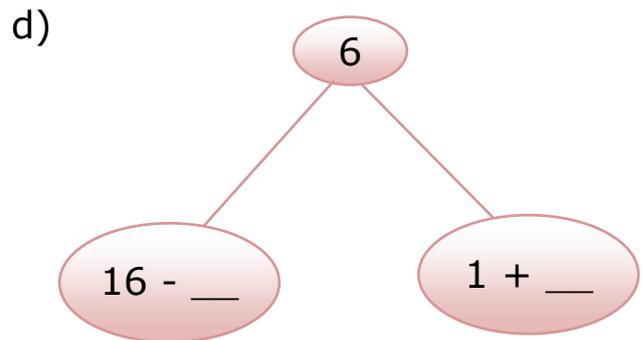
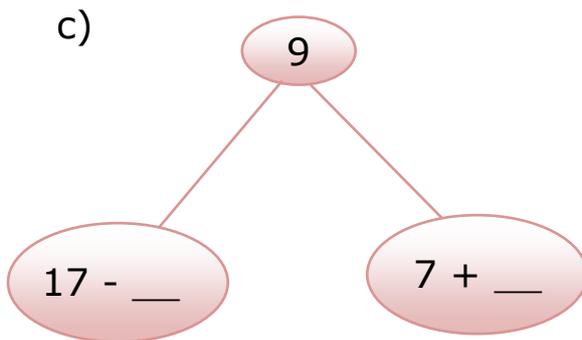
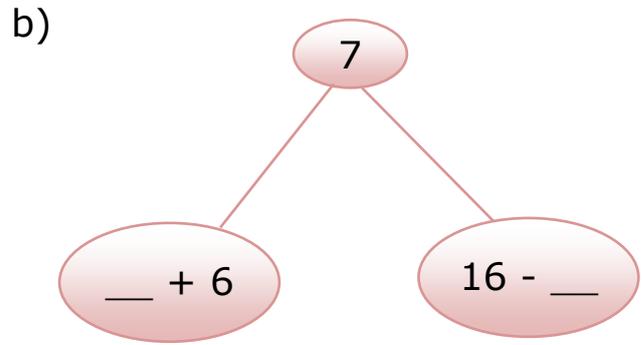
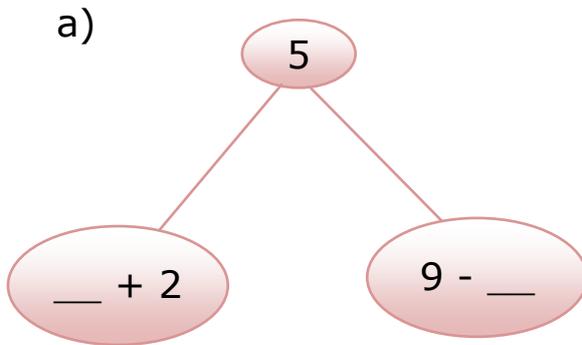
0 + 8
1 + 7
2 + 6
3 + 5
4 + 4

8 - 0
9 - 1
10 - 2
11 - 3
12 - 4

We can choose any set from right hand side.

Exercise

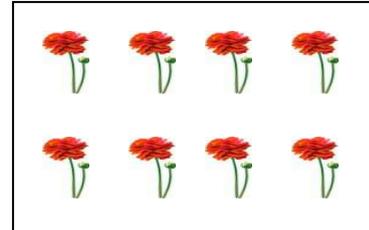
1. Balance the following.



Exercise

Solve the problems below.

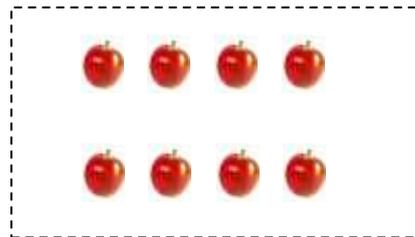
2. Curtis says there are $3 + 5$ flowers.
Nancy says $10 - 2$ flowers.
Are they both correct? Explain.



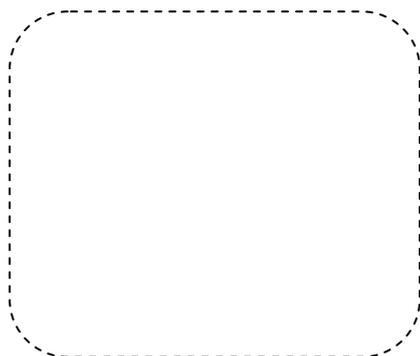
3. Which two equations are balancing?

a) $2 + 3 = 5$ b) $1 + 6 = 7$ c) $5 + 3 = 8$ d) $4 + 5 = 9$
 $5 - 1 = 4$ $9 - 2 = 7$ $8 - 3 = 5$ $9 - 5 = 4$

4. How do you make the number of apples equal in both boxes?

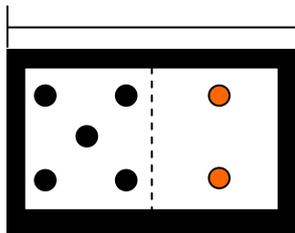


5. Move apples from one box to another to make equal number of apples in both boxes. Write your answer.



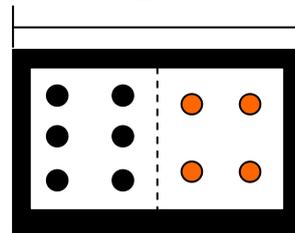
Example

Jason has 5 fish.
Keith has 2 fish.
How many fish do they have in total?



$$5 + 2 = 7$$

There are 10 students.
6 students are writing.
How many students are not writing?



$$10 - 6 = 4$$

Exercise

1. Circle 'add' or 'subtract'. Then write the number sentence.

a) Julia has 9 apples.

She gives 4 apples to her father.

How many apples does
Julia have left?

add

subtract

___ ___ = ___ apples

b) Jordan and his mother plant trees.

Jordan plants 3 trees.

Together they plant 10 trees.

How many trees does
Jordan's mother plant?

add

subtract

___ ___ = ___ trees

c) Ayisha buys 5 books.

Yumi buys 9 books.

How many books do they
buy in total?

add

subtract

___ ___ = ___ books

Exercise

2. Circle 'add' or 'subtract'. Then write the number sentence.

- a) Ben picks 8 flowers.
Marcus picks 4 flowers.
How many flowers do
they pick in all?

add subtract
— ○ — = ___ flowers

- b) Students of grade two
plant 15 seeds.
The seeds grow into 7 plants.
How many seeds do not grow
into plants?

add subtract
— ○ — = ___ plants

- c) Rafael catches 6 fish in one pond.
He catches 5 fish in another
pond.
How many fish does he
catch in all?

add subtract
— ○ — = ___ fish

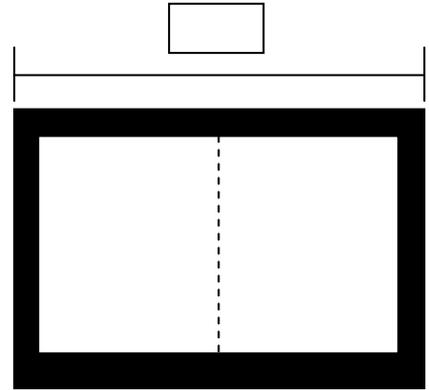
- d) The art room has 17 color pens.
Students are using 8.
How many color pens are not
being used?

add subtract
— ○ — = ___ pens

Exercise

Solve the problems below.

3. Mr. Sanchez has 7 basketballs.
He has 4 footballs.
How many balls does Mr. Sanchez have in all?
Use counters to solve.



— ○ — = — balls

4. The library has 13 story books.
8 of them are being borrowed.
How many story books are still in the library? Circle.

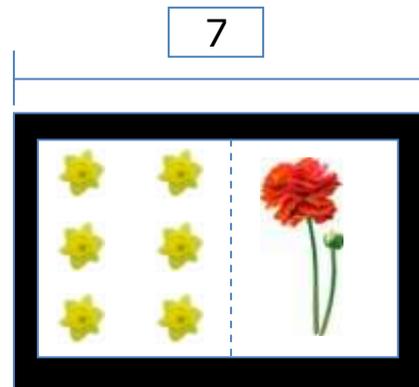
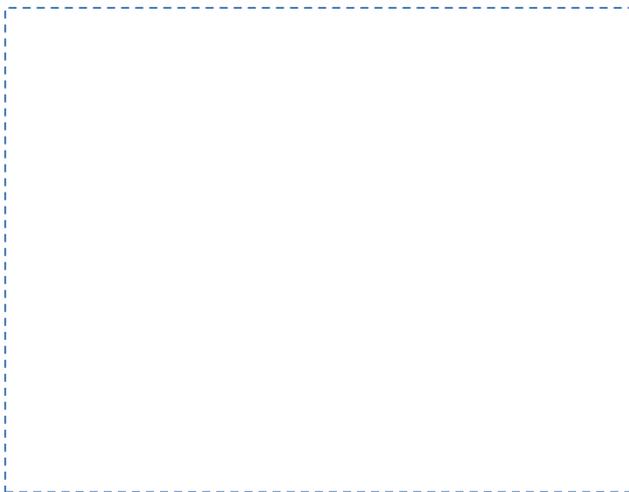
a) $13 - 5 = 8$

b) $13 - 4 = 9$

c) $13 - 9 = 4$

d) $13 - 8 = 5$

5. Write a story and numbers sentence for the given figure.



— ○ — = —

Exercise

1. Find the related subtraction fact for

$7 + 3 = 10$

-

=

$3 + 7 = 10$

-

=

2. Find the related addition fact for

$11 - 2 = 9$

+

=

$11 - 9 = 2$

+

=

3. Balance the addition and subtraction sentences.

a) $7 + 4 = 19 - \underline{\quad}$

b) $10 + 7 = 12 + \underline{\quad}$

4. Saul had 15 oranges.
He gave 9 oranges to his friend.
How many oranges does Saul have now?

Use subtraction facts.

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

Saul has $\underline{\quad}$ oranges.

Exercise

5. Mavis had 15 apples.
3 apples are rotten.

How many good apples does she have?

Do you add or subtract?

- Add
 Subtract

Write the number sentence.

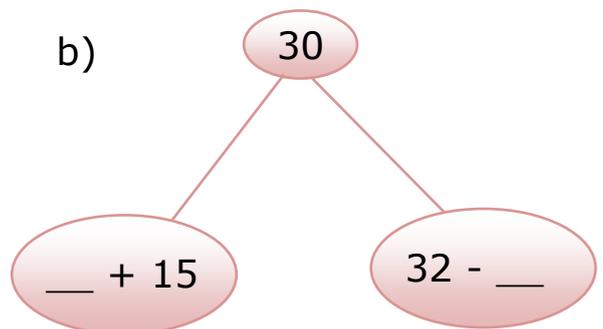
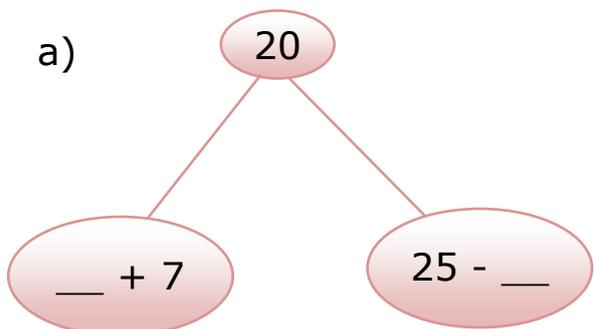
_____ _____ = _____

6. Thomas has 15 marbles.
Kim has 10 marbles.
How many marbles should Thomas take out so that he will have the same number of marbles that Kim has?

- Add
 Subtract

Thomas should take out _____ marbles.

7. Balance the following.



Exercise

8. Kathy has 19 apples.
Kerry has 13 apples.
How many more apples does Kerry need to have as many apples as Kathy?

Do you add or subtract?

- Add
 Subtract

Kerry needs _____ apples.

9. 15 students are on the field.
9 of them are playing soccer.
How many students are not playing soccer?

Do you add or subtract?

- Add
 Subtract

10. Ana has eight dogs and nine cats.
How many pets do Ana have in all?

Do you add or subtract?

- Add
 Subtract

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 Introduction to Addition and Subtraction

Lesson 2 Addition and Subtraction

Lesson 3 Addition

Unit 3.1 Addition

Unit 3.2 Single Digit Number Addition

Unit 3.3 Adding Objects

Unit 3.4 Doubling Numbers

Unit 3.5 Using Near Doubles

Unit 3.6 Order in Addition

Unit 3.7 Math Challenges

Lesson 4 Concepts of Addition

Review 1 Review of Lesson 1, 2, 3, and 4

Lesson 5 Subtraction

Lesson 6 Concepts of Subtraction

Lesson 7 Learn Place Value up to 100 Part I

Lesson 8 Learn Place Value up to 100 Part II

Review 2 Review of Lesson 5, 6, 7, and 8

Lesson 9 Counting Money Part I

Lesson 10 Counting Money Part II

Lesson 11 Exploring Mental Addition

Lesson 12 Exploring Mental Subtraction

Review 3 Review of Lesson 9, 10, 11, and 12

Lesson 13 Two-Digit Number Addition

Lesson 14 Use of Addition and Subtraction

Lesson 15 Introduction to Geometry Part I

Lesson 16 Introduction to Geometry Part II

Review 4 Review of Lesson 13, 14, 15, and 16

Lesson 17 Understanding Fractions

Lesson 18 Measurement: Length, Area, and Perimeter

Lesson 19 Measurement: Weight and Capacity

Lesson 20 Understand Time and Temperature Part I

Review 5 Review of Lesson 17, 18, 19, and 20

Lesson 21 Understand Time and Temperature Part II

Lesson 22 Probability, Data, and Graphs

Lesson 23 Understanding Patterns and Numbers to 1,000 Part I

Lesson 24 Understanding Patterns and Numbers to 1,000 Part II

Review 6 Review of Lesson 21, 22, 23, and 24

Lesson 25 Three-Digit Addition and Subtraction

Lesson 26 Introducing Multiplication

Lesson 27 Introducing Division

Review of Lesson 1 to 14

Review of Lesson 15 to 27



Next

Math Practice Sheets

Addition

Student Name

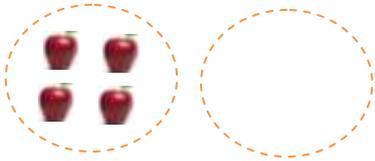
Examples

Practice Questions

Extra Challenge Unit

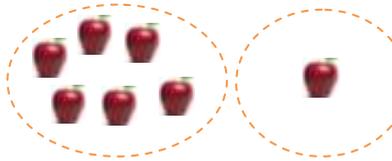
Example

Add 0 to 4.



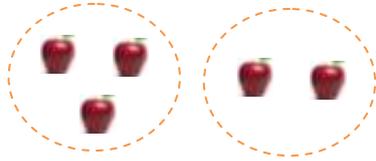
$$4 + 0 = 4$$

Add 1 to 6.



$$6 + 1 = 7$$

Add 2 to 3.



$$3 + 2 = 5$$

Exercise

1. Circle the 0, 1, or 2 for each problem. Then add.

a)

$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$$

b)

$$7 + 0 = \underline{\quad}$$

c)

$$4 + 2 = \underline{\quad}$$

d)

$$\begin{array}{r} 7 \\ + 0 \\ \hline \end{array}$$

e)

$$2 + 6 = \underline{\quad}$$

f)

$$\begin{array}{r} 0 \\ + 8 \\ \hline \end{array}$$

g)

$$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$$

h)

$$2 + 5 = \underline{\quad}$$

Exercise

2. Fill in the blank with the missing number.

a)

$$\square + 6 = 7$$

b)

$$3 + \square = 5$$

c)

$$\begin{array}{r} \square \\ + 4 \\ \hline 4 \end{array}$$

d)

$$\begin{array}{r} \square \\ + 8 \\ \hline 9 \end{array}$$

e)

$$\square + 9 = 10$$

f)

$$8 + \square = 8$$

g)

$$\begin{array}{r} \square \\ + 5 \\ \hline 5 \end{array}$$

h)

$$\begin{array}{r} \square \\ + 5 \\ \hline 7 \end{array}$$

i)

$$\square + 4 = 6$$

j)

$$9 + \square = 11$$

Exercise

Solve the problems below.

3. Sue has 4 books. Yoko has 1 book.
How many books do Sue and Yoko have in all?

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

They have books in all.

4. Jordon buys 8 mangoes.
His sister buys 2 bananas.
How many fruits do they have in all?

They have fruits in all.

5. Choose the addition sentence that shows the correct answer.

a) $8 + 0 = 7$

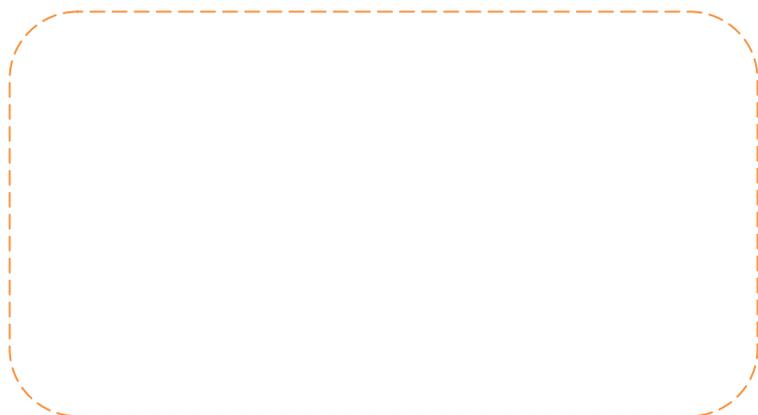
b) $8 + 2 = 10$

c) $8 + 1 = 8$

d) $8 + 3 = 10$

6. How many days are in a week? Add one more.
How many days are there in total?

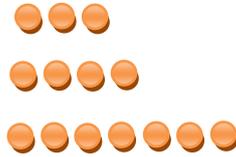
Use counters to solve.



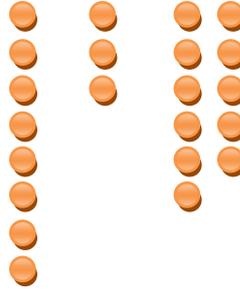
Example

Count and add.

$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$$



$$8 + 3 = 11$$



Exercise

1. Add the problems below. You can use counters to add.

a)

$$4 + 9 = \underline{\quad}$$

b)

$$\begin{array}{r} 7 \\ + 3 \\ \hline \square \end{array}$$

c)

$$\begin{array}{r} 8 \\ + 8 \\ \hline \square \end{array}$$

d)

$$3 + 6 = \underline{\quad}$$

e)

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

f)

$$\begin{array}{r} 9 \\ + 5 \\ \hline \square \end{array}$$

g)

$$\begin{array}{r} 8 \\ + 6 \\ \hline \square \end{array}$$

h)

$$5 + 5 = \underline{\quad}$$

Exercise

Solve the problems below.

2. Ann has 3 basketballs.
She is given 6 baseballs.
How many balls does Ann have in all?
Use a picture to solve.



_____ balls

3. John has 7 English books and 8 Science books.
How many books does John have in all?
Circle the correct answer.

a) 13

b) 14

c) 15

d) 16

4. There are 9 birds on a tree.
4 more birds join them.

How many birds are there in total?

_____ birds

Example

4 + 2 = 6

Exercise

- Count the objects, draw the sum of the objects, and write the addition sentence.

a)  and  are 

+ =

b)  and  are 

+ =

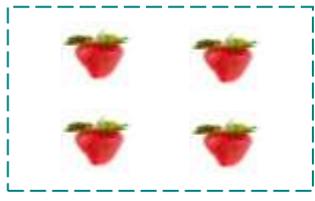
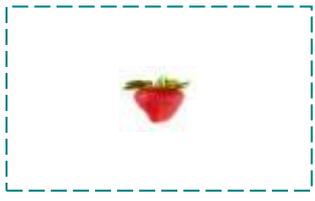
c)  and  are 

+ =

Exercise

d)  and  are 
 + =

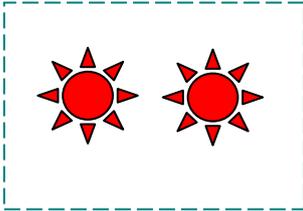
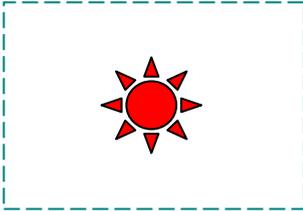
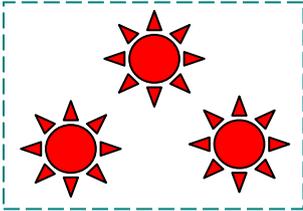
e)  and  are 
 + =

f)  and  are 
 + =

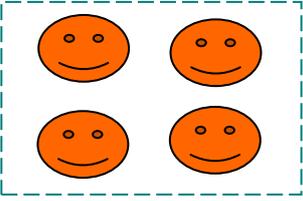
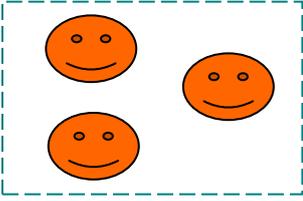
g)  and  are 
 + =

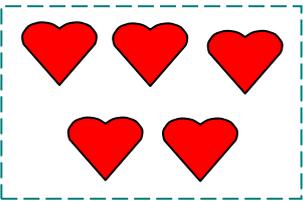
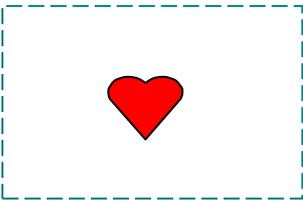
Exercise

2. Complete the given addition sentences.

a)  and  are 
 + =

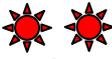
b)  and  are 
 + =

c)  and  are 
 + =

d)  and  are 
 + =

Exercise

Solve the problems below.

3. There are  and .
How many pictures are there in total?

Complete the addition sentence.

$$\square + \square = \square$$

4. Nina has three balls.
Jamal has five balls.
Which addition sentence shows how many balls Nina and Jamal have together?

a) $3 + 3 = 6$

b) $3 + 5 = 8$

c) $5 + 5 = 10$

d) $3 + 2 = 5$

5. How many eyes do you have?
How many eyes does your mother have?
Draw picture to show number of eyes in all.

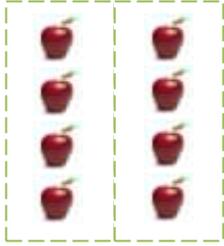
Write the addition sentence?

Your eyes

Mother's eyes

$$\square + \square = \square$$

Example



$$4 + 4 = 8$$

Double 6

$$\begin{array}{r} 6 \\ + 6 \\ \hline \boxed{12} \end{array}$$

Double 5

$$5 + 5 = 10$$

These are doubles.

$$7 + 7 = 14$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline \boxed{4} \end{array}$$

These are not doubles.

$$5 + 6 = 11$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline \boxed{6} \end{array}$$

Exercise

1. Use doubles to complete the addition sentence. Then add.

a)

$$9 + \underline{\quad} = \underline{\quad}$$

b)

$$\begin{array}{r} 3 \\ + \\ \hline \boxed{\quad} \end{array}$$

c)

$$\begin{array}{r} 7 \\ + \\ \hline \boxed{\quad} \end{array}$$

d)

$$5 + \underline{\quad} = \underline{\quad}$$

e)

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

f)

$$\begin{array}{r} 2 \\ + \\ \hline \boxed{\quad} \end{array}$$

g)

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

h)

$$\begin{array}{r} 6 \\ + \\ \hline \boxed{\quad} \end{array}$$

Exercise

2. Use doubles to complete the addition sentence. Then add.

a)

$$\underline{\quad} + 6 = 12$$

b)

$$\begin{array}{r} \square \\ + \quad 4 \\ \hline \square \end{array}$$

c)

$$\begin{array}{r} \square \\ + \quad 9 \\ \hline \square \end{array}$$

d)

$$\underline{\quad} + 5 = \underline{\quad}$$

e)

$$\underline{\quad} + 3 = \underline{\quad}$$

f)

$$\begin{array}{r} \square \\ + \quad 7 \\ \hline \square \end{array}$$

g)

$$\begin{array}{r} \square \\ + \quad 8 \\ \hline \square \end{array}$$

h)

$$\underline{\quad} + 2 = \underline{\quad}$$

i)

$$\underline{\quad} + 1 = \underline{\quad}$$

j)

$$\begin{array}{r} \square \\ + \quad 5 \\ \hline \square \end{array}$$

Exercise

Solve the problems below.

3. Taylor has 7 cars.
Jesse has the same number of cars that Taylor has.
How many cars did Taylor and Jesse have in total?

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ cars}$$

4. There are 6 good bananas and the 6 bad bananas. How many bananas are there in all?
Pick the correct answer.

a) $6 + 0 = 6$

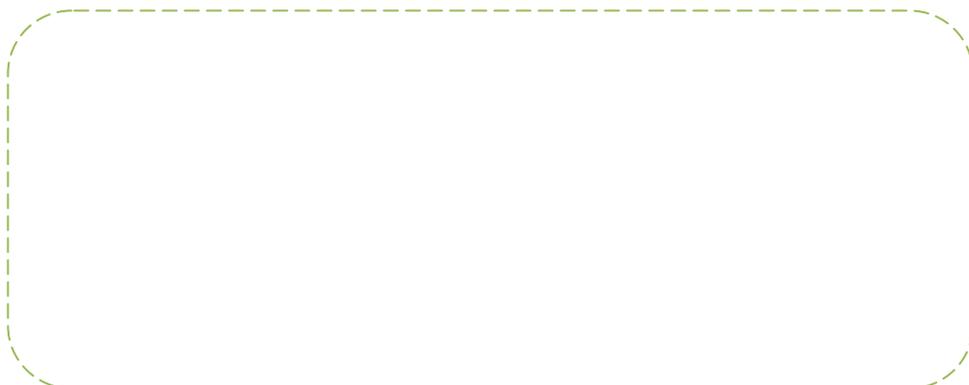
b) $6 - 6 = 0$

c) $3 + 3 = 6$

d) $6 + 6 = 12$

5. David has 3 red balloons.
He also has 3 green balloons.
Draw a picture to model this double fact.

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

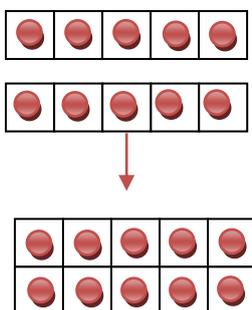


Example

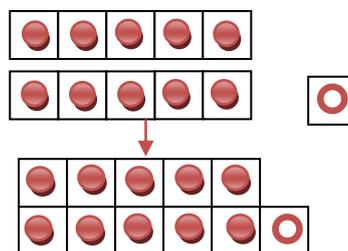
Use double fact to help you add near doubles.

$2 + 2$	$6 + 6$
$8 + 8$	

Add $5 + 5 = 10$



$5 + 6$ is 1 more than $5 + 5$.



$5 + 6 = 11$ is a near double fact.

Exercise

1. Complete the addition sentences. Use near double facts.

a)

$3 + 3 = \underline{\quad}$

$3 + 4 = \underline{\quad}$

b)

$$\begin{array}{r} 7 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline \square \end{array}$$

c)

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

$4 + 5 = \underline{\quad}$

d)

$$\begin{array}{r} 6 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ + 7 \\ \hline \square \end{array}$$

Exercise

2. Find the missing number. Use near double facts.

a)

$$5 + \underline{\quad} = 11$$

b)

$$\begin{array}{r} \square \\ + \quad 4 \\ \hline 7 \end{array}$$

c)

$$\begin{array}{r} \square \\ + \quad 8 \\ \hline 15 \end{array}$$

d)

$$0 + \underline{\quad} = 1$$

e)

$$4 + \underline{\quad} = 9$$

f)

$$\begin{array}{r} \square \\ + \quad 2 \\ \hline 3 \end{array}$$

g)

$$\begin{array}{r} \square \\ + \quad 9 \\ \hline 17 \end{array}$$

h)

$$6 + \underline{\quad} = 13$$

i)

$$\underline{\quad} + 5 = 9$$

j)

$$\begin{array}{r} \square \\ + \quad 6 \\ \hline 11 \end{array}$$

Exercise

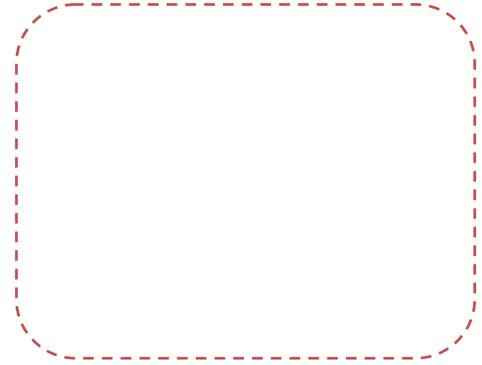
Solve the problems below.

3. Emil has 3 volleyballs.
His father gives him 4 more volleyballs.
How many volleyballs does Emil have
in all?

Draw a picture.

Write a number sentence.

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



4. Dave has 8 books.
Mara has 9 books.

Which addition sentence shows how many books Dave and Maria have in all?

a) $8 + 8 = 16$

b) $9 + 9 = 18$

c) $8 + 1 = 9$

d) $8 + 9 = 17$

5. Rosa has 5 pens.
Complete the double fact.
Use the double fact to solve the near doubles.

$$\boxed{5} + \boxed{\quad} = \boxed{\quad}$$

Double fact

$$\boxed{\quad} + \boxed{6} = \boxed{\quad}$$

Near double fact

Example

Change the order of the numbers.

$$2 + 5 = 7$$

$$5 + 2 = 7$$

↑ ↑ ↑
Addend Addend Sum

This is called horizontal form.

We can write the problem in vertical form also.

$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

Exercise

- Write the addition facts.
Change the order of the addends. Then find the sum.

<p>a)  $4 + 2 = \underline{\quad}$</p> <p> $2 + 4 = \underline{\quad}$</p>	<p>b)  +  = $\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$</p>
<p>c)  + $\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$</p> <p> + $\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$</p>	<p>d)  $\underline{\quad} + \underline{\quad} = \underline{\quad}$</p> <p> $\underline{\quad} + \underline{\quad} = \underline{\quad}$</p>
<p>e)  $\underline{\quad} + \underline{\quad} = \underline{\quad}$</p> <p> $\underline{\quad} + \underline{\quad} = \underline{\quad}$</p>	<p>f)  + $\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$</p> <p> + $\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$</p>

Exercise

2. Fill in the blank for the sum. Then change the order of the addends and find the new sum, and fill in that blank.

a)

3	7
+ 7	+ 3
-----	-----
□	□

b)

$2 + 9 = \underline{\quad}$

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

c)

$4 + 3 = \underline{\quad}$

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

d)

2	□
+ 6	+ □
-----	-----
□	□

e)

□	8
+ □	+ 9
-----	-----
□	□

f)

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

$7 + 6 = \underline{\quad}$

g)

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

$5 + 8 = \underline{\quad}$

h)

□	9
+ □	+ 7
-----	-----
□	□

Exercise

Solve the problems below.

3. Steve has 5 fishes.
Martin has 3 fishes.
How many fishes
do they have in total?

Write the facts in both
horizontal and vertical form.

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; border: 1px solid black; width: 50px; height: 20px;"></td> <td style="width: 20px;"></td> <td style="text-align: center; border: 1px solid black; width: 50px; height: 20px;"></td> </tr> <tr> <td style="text-align: center; border: 1px solid black; width: 50px; height: 20px;"></td> <td></td> <td style="text-align: center; border: 1px solid black; width: 50px; height: 20px;"></td> </tr> <tr> <td style="text-align: center; border: 1px solid black; width: 50px; height: 20px;"></td> <td style="text-align: center; border: 1px solid black; width: 20px; height: 20px;">+</td> <td style="text-align: center; border: 1px solid black; width: 50px; height: 20px;"></td> </tr> <tr> <td style="border-top: 1px solid black; width: 50px;"></td> <td></td> <td style="border-top: 1px solid black; width: 50px;"></td> </tr> <tr> <td style="text-align: center; border: 1px solid black; width: 50px; height: 20px;"></td> <td></td> <td style="text-align: center; border: 1px solid black; width: 50px; height: 20px;"></td> </tr> </table>								+							
	+															

4. 7 students are in the classroom.
3 more students go in.
There are 10 students in total.
Choose the facts for this story.

a) $7 + 3 = 10$
 $10 + 3 = 13$

b) $7 + 3 = 10$
 $3 + 7 = 10$

c) $3 + 7 = 10$
 $10 + 7 = 17$

d) $3 + 10 = 13$
 $10 + 3 = 13$

5. Write the facts in both horizontal and vertical form for the given picture.



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

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

	+	

Exercise

1. Fill in the missing number.

a)

$$\underline{\quad} + 9 = 9$$

b)

$$\begin{array}{r} \square \\ + \quad 5 \\ \hline \square \\ 7 \end{array}$$

2. What is your age? _____

Add 0 to your age. _____

Add 1 to your age. _____

Add 2 to your age. _____

3. Complete the doubles facts.

a)

$$\triangle + \triangle = \text{hexagon}$$
$$\triangle = 5, \quad \text{hexagon} = \underline{\quad}$$

b)

$$\square + \square = \square$$
$$\square = 18, \quad \square = \underline{\quad}$$

4. Is $5 + 6 = 11$ a double fact? Explain.

Exercise

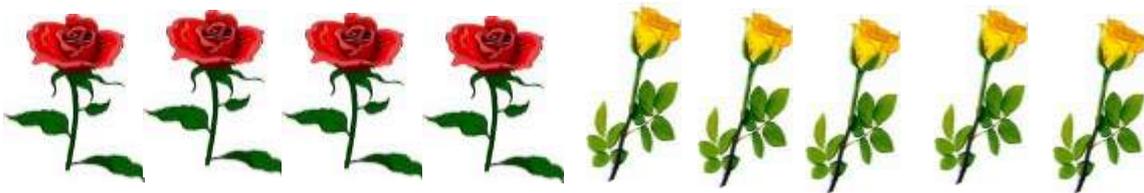
5. What doubles fact will help you add $3 + 4 = ?$

6. How is $2 + 8$ different from $8 + 2$?

7. Complete the following.

<p>a)</p> <table style="margin-left: 20px;"> <tr><td style="border: 1px solid black; width: 40px; height: 20px;"></td></tr> <tr><td style="border: 1px solid black; width: 40px; height: 20px;"></td></tr> <tr><td style="border: 1px solid black; width: 40px; height: 20px;"></td></tr> </table> <table style="margin-left: 20px;"> <tr><td style="border: 1px solid black; width: 40px; height: 20px;"></td></tr> <tr><td style="border: 1px solid black; width: 40px; height: 20px;"></td></tr> <tr><td style="border: 1px solid black; width: 40px; height: 20px;"></td></tr> </table>							<p>b)</p> <p style="margin-left: 40px;">___ + ___ = ___</p> <p style="margin-left: 40px;">$4 + 7 =$ ___</p>

8. Write the addition facts for the given pictures.



___ + ___ = ___

___ + ___ = ___

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	Introduction to Addition and Subtraction
Lesson 2	Addition and Subtraction
Lesson 3	Addition
Lesson 4	Concepts of Addition
	Unit 4.1 Add 9
	Unit 4.2 Add 8
	Unit 4.3 Balancing Addition Equation
	Unit 4.4 Adding Three One-Digit Numbers
	Unit 4.5 Using Numbers to Solve Addition Sentences
	Unit 4.6 Math Challenges
Review 1	Review of Lesson 1, 2, 3, and 4
Lesson 5	Subtraction
Lesson 6	Concepts of Subtraction
Lesson 7	Learn Place Value up to 100 Part I
Lesson 8	Learn Place Value up to 100 Part II
Review 2	Review of Lesson 5, 6, 7, and 8
Lesson 9	Counting Money Part I
Lesson 10	Counting Money Part II
Lesson 11	Exploring Mental Addition
Lesson 12	Exploring Mental Subtraction
Review 3	Review of Lesson 9, 10, 11, and 12
Lesson 13	Two-Digit Number Addition
Lesson 14	Use of Addition and Subtraction
Lesson 15	Introduction to Geometry Part I
Lesson 16	Introduction to Geometry Part II
Review 4	Review of Lesson 13, 14, 15, and 16
Lesson 17	Understanding Fractions
Lesson 18	Measurement: Length, Area, and Perimeter
Lesson 19	Measurement: Weight and Capacity
Lesson 20	Understand Time and Temperature Part I
Review 5	Review of Lesson 17, 18, 19, and 20
Lesson 21	Understand Time and Temperature Part II
Lesson 22	Probability, Data, and Graphs
Lesson 23	Understanding Patterns and Numbers to 1,000 Part I
Lesson 24	Understanding Patterns and Numbers to 1,000 Part II
Review 6	Review of Lesson 21, 22, 23, and 24
Lesson 25	Three-Digit Addition and Subtraction
Lesson 26	Introducing Multiplication
Lesson 27	Introducing Division
Review of Lesson 1 to 14	
Review of Lesson 15 to 27	
