Math Practice Sheets

Introduction to Addition and Subtraction

Examples

Practice Questions

Extra Challenge Unit

Student Name

_____

Unit 1.1	Addition Sentences

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.

a)

___ + ___ = ___

b)

___ + ___ = ___

c)

___ + ___ = ___

d)

___ + ___ = ___

e)

f)

Addition Sentences
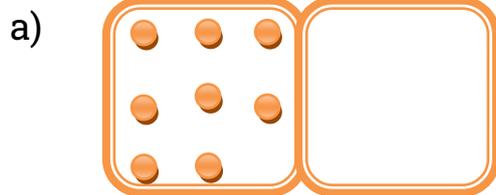
Exercise

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

a)

$8 + \text{\_\_\_\_} = 13$

b)

$\text{\_\_\_\_} + 9 = 18$

c)

$\text{\_\_\_\_} + 8 = 15$

d)

$5 + \text{\_\_\_\_} = 11$

e)

$9 + \text{\_\_\_\_} = 10$

f)

$8 + \text{\_\_\_\_} = 17$

g)

$\text{\_\_\_\_} + 4 = 9$

h)

$\text{\_\_\_\_} + 5 = 12$
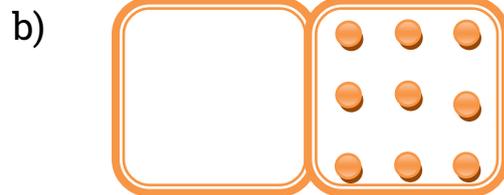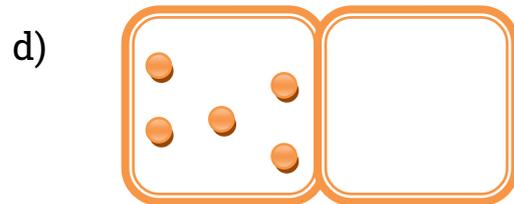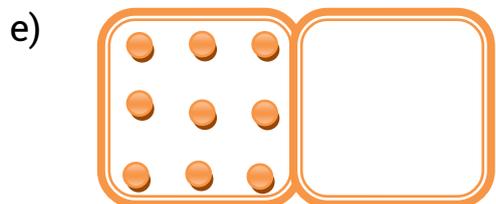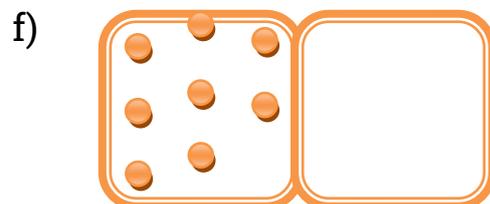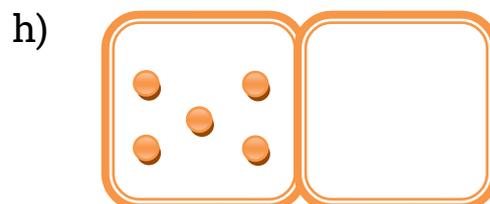
Addition Sentences

Exercise

Solve the problems below.

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

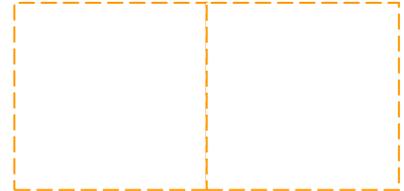   Use the box to solve the problem.
   Then write the addition sentence.

   ____ + ____ = ____

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.

   missing part.

   Then complete the addition sentence.   6 + ____ = 10

Unit 1.2	Addition Stories

Example
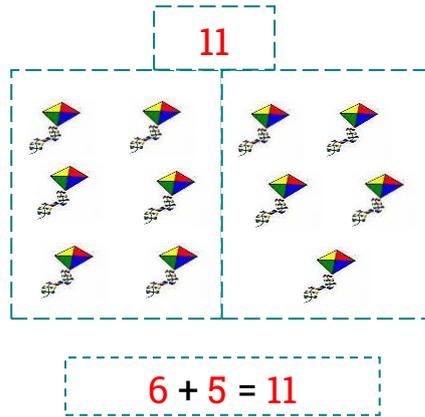
Martina draws 6 small kites.

Then she draws 5 more.

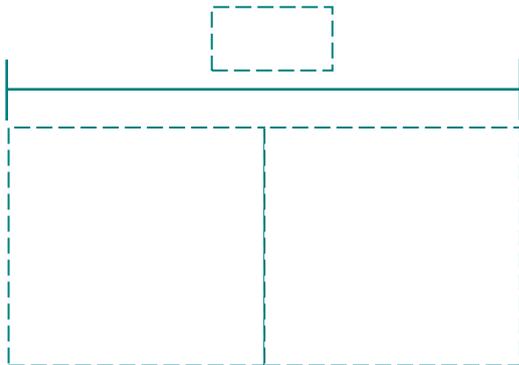How many kites did

Martina draw in all?

Martina drew 11 kites in all.

11

$6 + 5 = 11$

Exercise

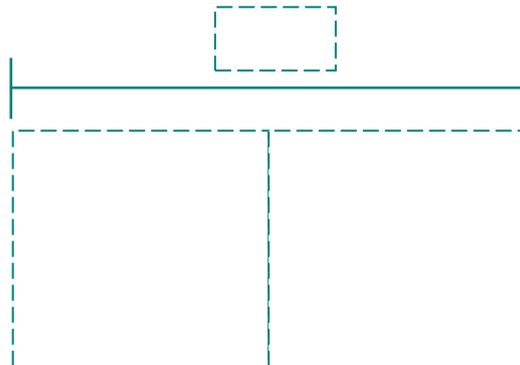1. Read following stories. Draw pictures to find each sum. Then write addition sentences.

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?
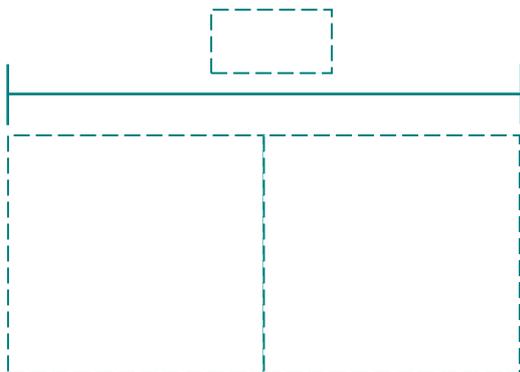
___ + ___ = ___

_____ books in all

Exercise

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

___ + ___ = ___

_____ fish

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

___ + ___ = ___
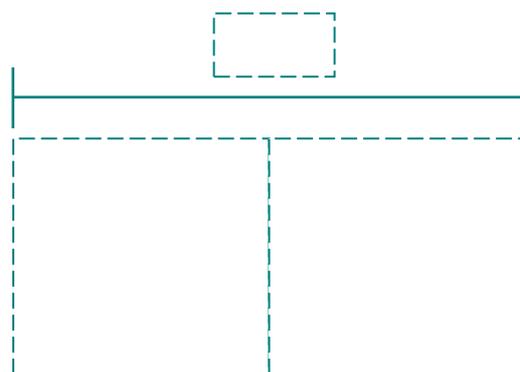
_____ bananas

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

___ + ___ = ___
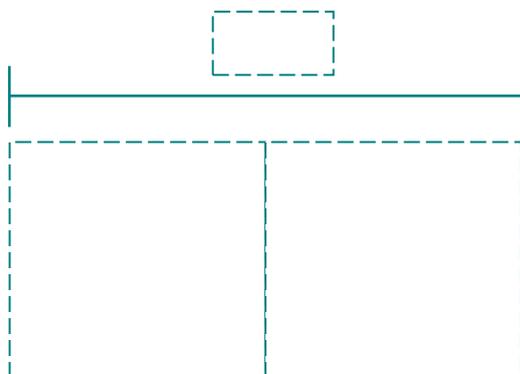
_____ stars

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

___ + ___ = ___
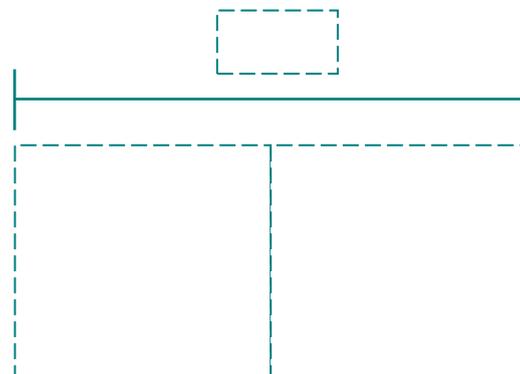
_____ birds

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.

   ___ + ___ = ___

Subtraction Sentences

Example
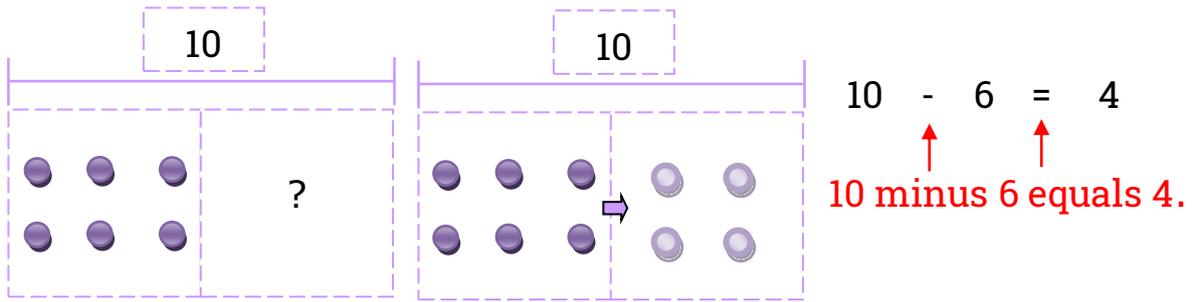
10

10

$$10 - 6 = 4$$

10 minus 6 equals 4.

?

Exercise

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

a)

6

____ - ____ = ____

b)

11

____ - ____ = ____

c)

10

____ - ____ = ____

d)

12

____ - ____ = ____

e)

15

____ - ____ = ____

f)

13

____ - ____ = ____
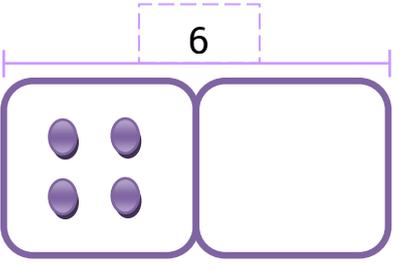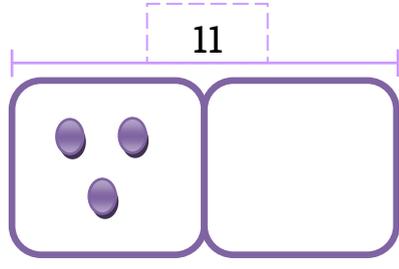
Subtraction Sentences
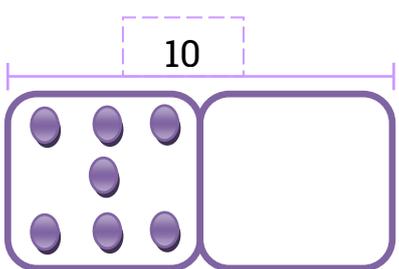
Exercise

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

a)

11

11 - ____ = 7

b)

16

____ - ____ = ____

c)

9

____ - ____ = ____

d)

18

____ - ____ = ____

e)

8

____ - ____ = ____

f)

12

____ - ____ = ____

Exercise

Solve the problems below.

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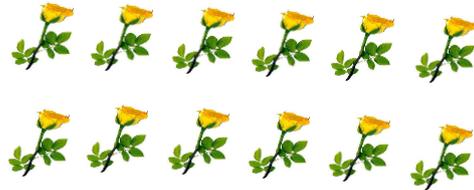
    _____ flowers

    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.

    13

    ____ - ____ = ____

Subtracting by Separating
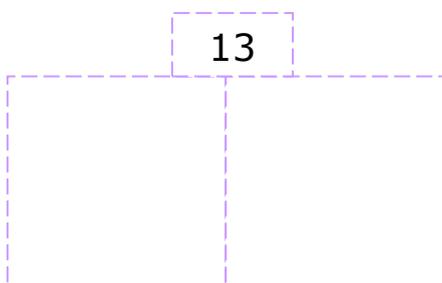
Example

There are 12 students.

7 of the students are girls.

How many students are

boys?

12

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

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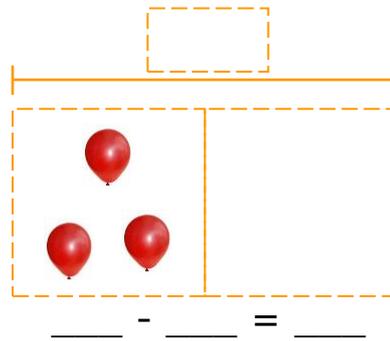
   b) 9 birds are on a tree.
   5 birds fly away.
   How many birds are left?

   _____ birds

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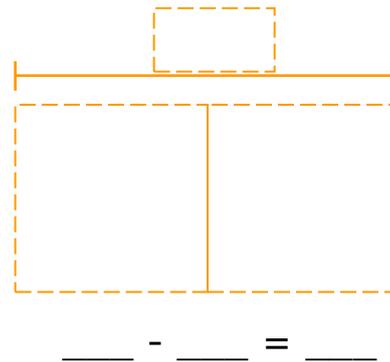
   c) Josh has 10 eggs.
   He boils 4 eggs.
   How many eggs are not boiled?

   _____ eggs

   ____ - ____ = ____

10

<table>
<tr><td>Unit 1.4</td><td>Subtracting by Separating</td></tr>
</table>
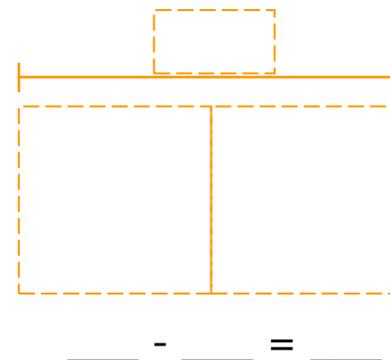
Exercise

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

_____ small dogs

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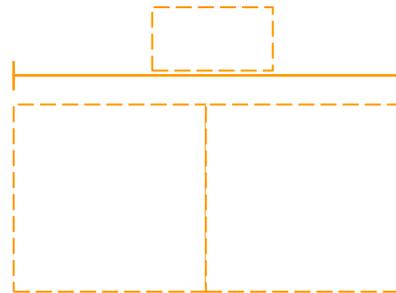
e) Mark bakes 12 cupcakes.
His friends eat 6 cupcakes.
How many cupcakes are left?

_____ cupcakes

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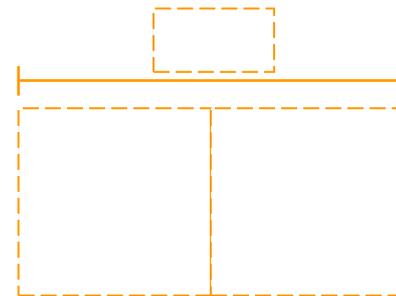
f) 15 students are in the library.
7 students leave the library.
How many students
are still in the library?

_____ students

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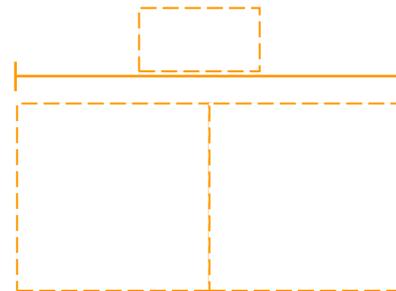
g) There are 13 slices of pizza.
9 slices of pizza are eaten.
How many slices of pizza are left?

_____ slices

___ - ___ = ___
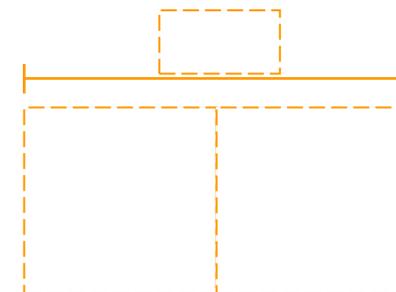
Exercise

Solve the problems below.

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

   ____ - ____ = ____
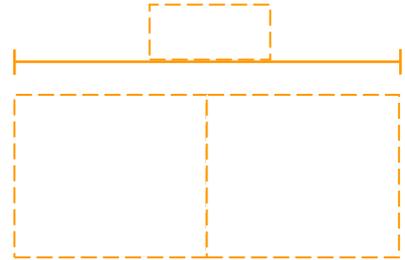
   _____ sweets are left in the plate.

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.
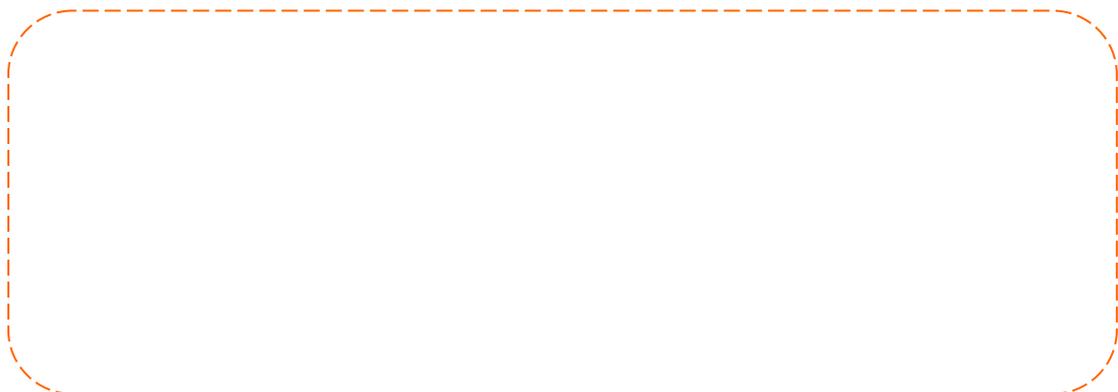
Example

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   ____ - ____ = ____

    b) Martina buys 11 bananas.
       Mara buys 6 bananas.
       How many fewer bananas
       does Mara buy than
       Martina buys?

       _____ fewer bananas   ____ - ____ = ____

    c) Craig counts 10 stars.
       Marti counts 5 stars.
       How many more stars
       does Craig count than
       Marti counts?

       _____ more stars   ____ - ____ = ____

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

____ - ____ = ____

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

_____ more apples

____ - ____ = ____

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

____ - ____ = ____

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

_____ more flowers

____ - ____ = ____

Exercise

Solve the problems below.

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

    Use counters to find the difference.
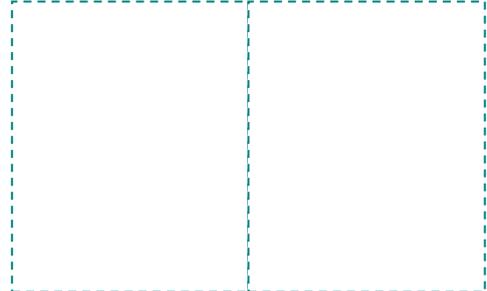
    _____ more cars.

    ____ - ____ = ____

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?

   $10 - \boxed{} = 3$

   a) 10   b) 7
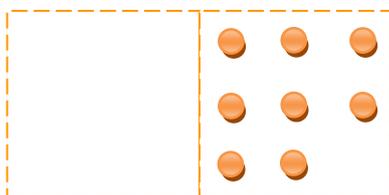
   c) 6   d) 8

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

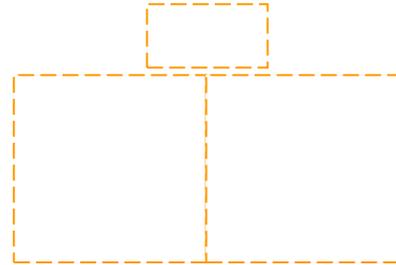4. Fill in the missing counters and then complete the addition sentence.

   ____ + 8 = 17

Math Challenges

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

Next

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

Unit 1.1

1. a) 7+8=15   b) 3+8=11   c) 2+9=11
   d) 4+4=8   e) 1+6=7   f) 6+7=13
2. a) 5   b) 9   c) 7
   d) 6   e) 1   f) 9
   g) 5   h) 7
3. 4+5=9   4. c   5. 6+4=10

Unit 1.2

1. a) 3+5=8   b) 7+6=13   c) 7+2=9
   d) 9+1=10   e) 5+7=12   f) 4+3=7
2. 6+3=9   3. d   4. 3+2=5

Unit 1.3

1. a) 6-4=2   b) 11-3=8   c) 10-7=3
   d) 12-5=7   e) 15-6=9   f) 13-9=4
2. a) 11-4=7   b) 16-8=8   c) 9-3=6
   d) 18-9=9   e) 8-2=6   f) 12-6=6
3. 12-7=5   4. a   5. 12-7=5

Unit 1.4

1. a) 11-3=8   b) 9-5=4   c) 10-4=6
   d) 14-5=9   e) 12-6=6   f) 15-7=8
   g) 13-9=4
2. 7-5=2   3. b   4. 12-6=6

Unit 1.5

1. a) 9-7=2   b) 11-6=5   c) 10-5=5
2. a) 7-5=2   b) 12-10=2   c) 10-7=3
   d) 9-6=3
3. 8-3=5
4. d
5. a) 5   b) 3   c) red

Unit 1.6

1. Subtract; 6
2. b   4. 9   5. 5+5=10; add
6. d   7. 7-4=3   8. 7-2=5