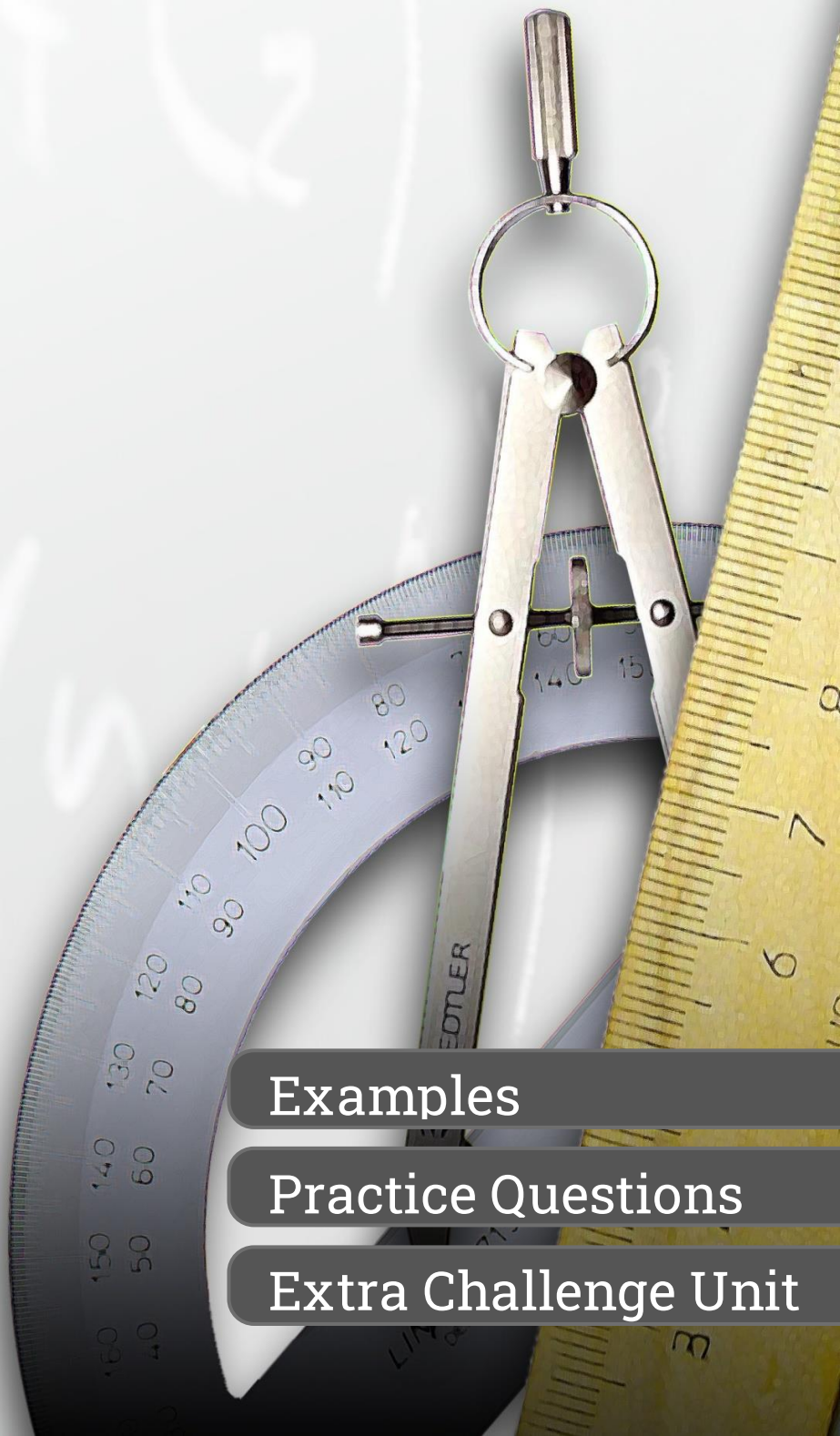
Grade 2 – Lesson 3

Math Practice Sheets

Addition



Examples

Practice Questions

Extra Challenge Unit

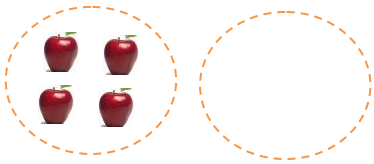
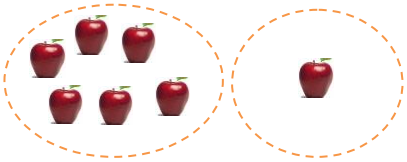
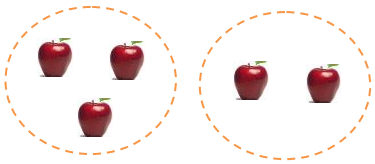
Student Name

_____

Unit 3.1

Addition

Example

Add 0 to 4.	Add 1 to 6.	Add 2 to 3.
		
4 + 0 = 4	6 + 1 = 7	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 = _____

c) 4 + 2 = _____

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

e) 2 + 6 = _____

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

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

h) 2 + 5 = _____

Unit 3.1

Addition

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) $9 + \square = 11$

Unit 3.1

Addition

Exercise

Solve the problems below.

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

   _____ + _____ = _____

   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.

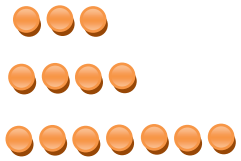
Unit 3.2

Single Digit Number Addition

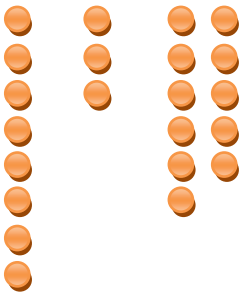
Example

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 = ___

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

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

d) 3 + 6 = ____

e) 4 + 8 = ____

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

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

h) 5 + 5 = ____

Unit 3.2

Single Digit Number Addition

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.

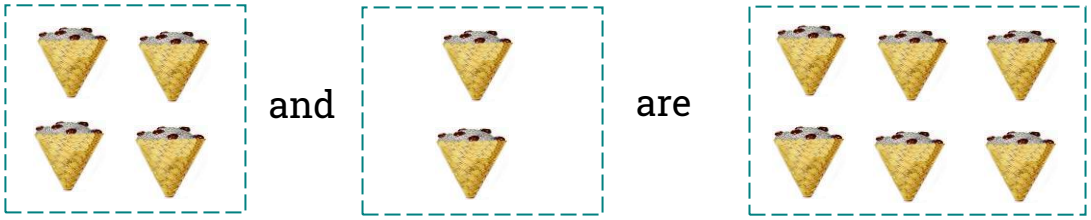
How many birds are there in total?

_____ birds

Unit 3.3

Adding Objects

Example



4 + 2 = 6

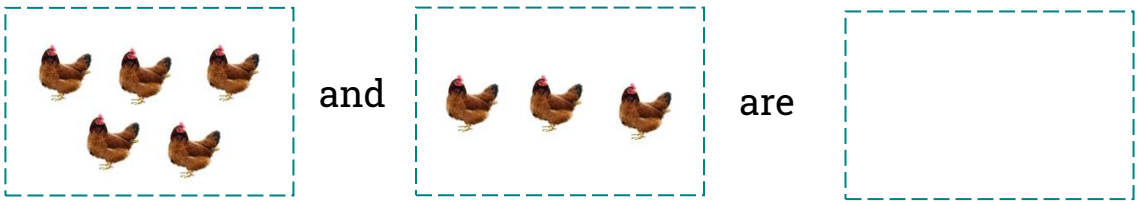
Exercise

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

a)

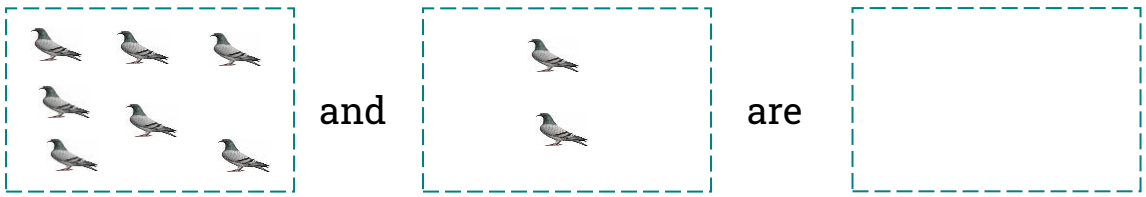
□ + □ = □

b)



□ + □ = □

c)

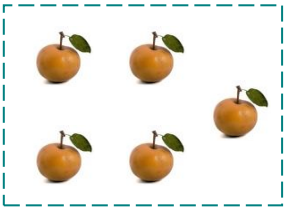


□ + □ = □

Unit 3.3

Adding Objects

Exercise

d)  and  are

□ + □ = □

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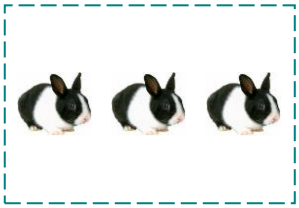
e)  and  are

□ + □ = □

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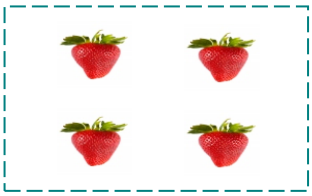
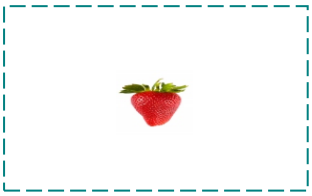
f)  and  are

□ + □ = □

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g)  and  are

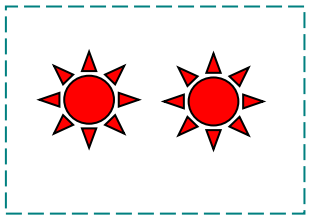
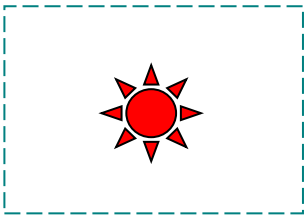
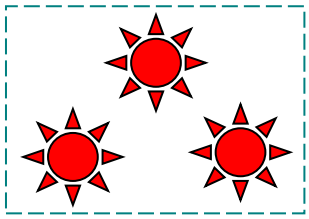
□ + □ = □

Unit 3.3

Adding Objects

Exercise

2. Complete the given addition sentences.

a)  and  are 

2 + 1 = 3

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b)  and  are

□ + □ = □

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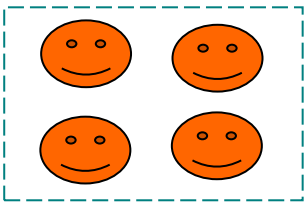
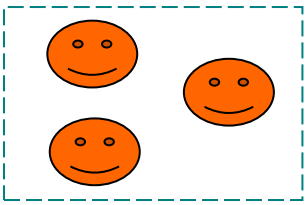
c)  and  are

□ + □ = □

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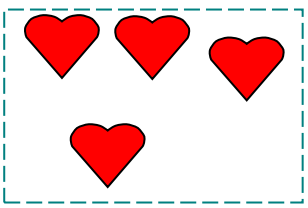
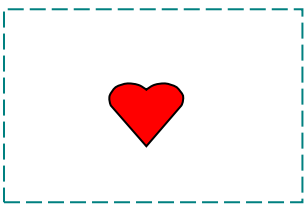
d)  and  are

□ + □ = □

Unit 3.3

Adding Objects

Exercise

Solve the problems below.

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

Complete the addition sentence.

☐ + ☐ = ☐

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?

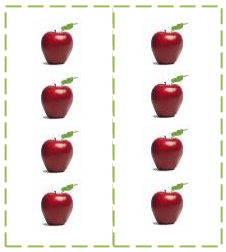
Your eyes	Mother's eyes

☐ + ☐ = ☐

Unit 3.4

Doubling Numbers

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 + ____ = ____

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

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

d) 5 + ____ = ____

e) 8 + ____ = ____

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

g) 4 + ____ = ____

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

Unit 3.4

Doubling Numbers

Exercise

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

a) ____ + 6 = 12

b) $\square + 4 = \square$

c) $\square + 9 = \square$

d) ____ + 5 = ____

e) ____ + 3 = ____

f) $\square + 7 = \square$

g) $\square + 8 = \square$

h) ____ + 2 = ____

i) ____ + 1 = ____

j) $\square + 5 = \square$

Unit 3.4

Doubling Numbers

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?

   _____ + _____ = _____ 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.

   _____ + _____ = _____

Unit 3.5

Using Near Doubles

Example

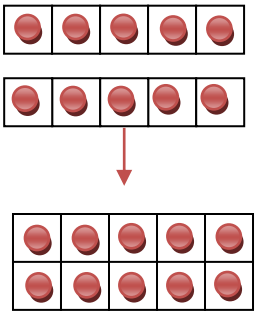
Use double fact to help you add near doubles.

2 + 2

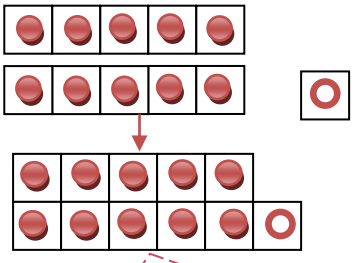
6 + 6

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 = ____

3 + 4 = ____

b)

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

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

c)

4 + 4 = ____

4 + 5 = ____

d)

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

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

Unit 3.5

Using Near Doubles

Exercise

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

a) 5 + ____ = 11

b) $\square$ + 4 = 7

c) $\square$ + 8 = 15

d) 0 + ____ = 1

e) 4 + ____ = 9

f) $\square$ + 2 = 3

g) $\square$ + 9 = 17

h) 6 + ____ = 13

i) ____ + 5 = 9

j) $\square$ + 6 = 11

Unit 3.5

Using Near Doubles

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.

_____ + _____ = _____ 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.

5	+		=	

Double fact

	+	6	=	

Near double fact

Unit 3.6

Order in Addition

Example

Change the order of the numbers.

2 + 5 = 7

5 + 2 = 7

Addend Addend Sum

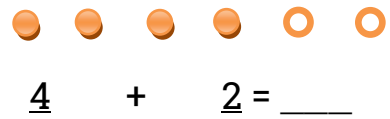
This is called horizontal form.

We can write the problem in vertical form also.

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

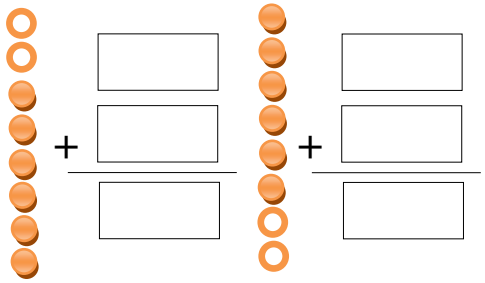
Exercise

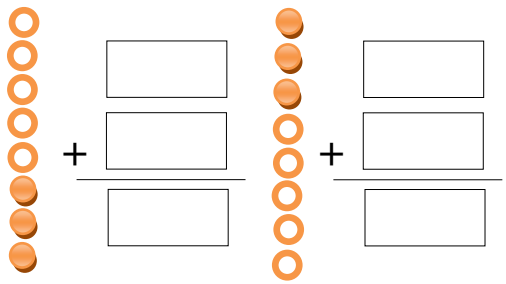
1. Write the addition facts.
   Change the order of the addends. Then find the sum.

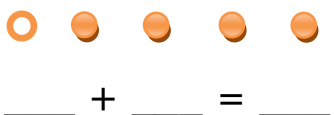
a) 

4 + 2 = ____

2 + 4 = ____

b) 

c) 

d) 

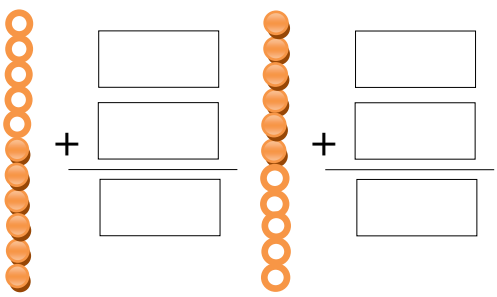
____ + ____ = ____

____ + ____ = ____

e) 

____ + ____ = ____

____ + ____ = ____

f) 

Unit 3.6

Order in Addition

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)

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

b)

2 + 9 = ____

____ + ____ = ____

c)

4 + 3 = ____

____ + ____ = ____

d)

$$\begin{array}{r} 2 \\ +\ 6 \\ \hline \square \end{array} \qquad \begin{array}{r} \square \\ +\ \square \\ \hline \square \end{array}$$

e)

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

f)

____ + ____ = ____

7 + 6 = ____

g)

____ + ____ = ____

5 + 8 = ____

h)

$$\begin{array}{r} \square \\ +\ \square \\ \hline \square \end{array} \qquad \begin{array}{r} 9 \\ +\ 7 \\ \hline \square \end{array}$$

Unit 3.6

Order in Addition

Exercise

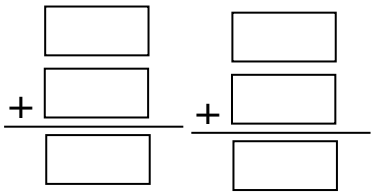
Solve the problems below.

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.

___ + ___ = ___

___ + ___ = ___



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

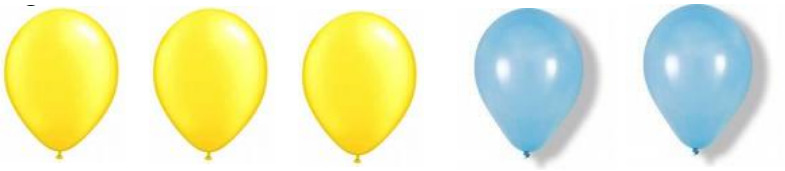
a) 7 + 3 = 10
10 + 3 = 13

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

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

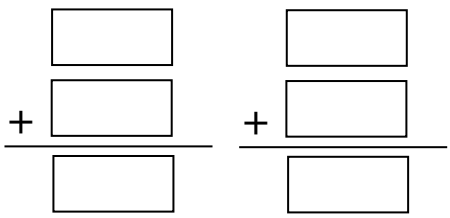
d) 3 + 10 = 13
10 + 3 = 13

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



____ + ____ = ____

____ + ____ = ____



Unit 3.7

Math Challenges

Exercise

1. Fill in the missing number.

a) ____ + 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) △ + △ = ⬡

△ = 5, ⬡ = ____

b) □ + □ = ▭

▭ = 18, □ = ____

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

Math Challenges

Exercise

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

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

7. Complete the following.

a)

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

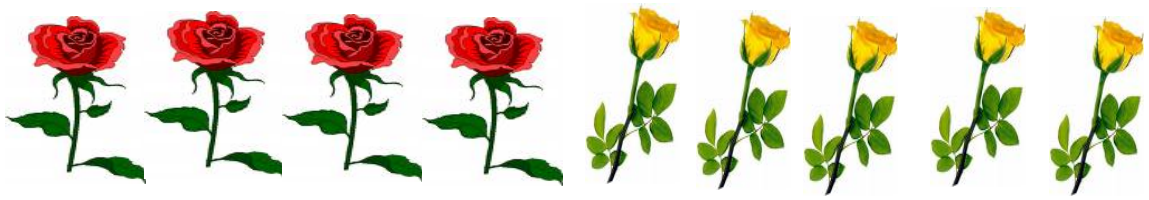
$$3 + 9 = \square$$

b)

___ + ___ = ___

4 + 7 = ___

8. Write the addition facts for the given pictures.



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

___ + ___ = ___

___ + ___ = ___

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.

Grade 2 — Answer Key of Lesson 3

Unit 3.1

1. a) 6 b) 7 c) 6 d) 7 e) 8 f) 8 g) 5 h) 7
2. a) 1 b) 2 c) 0 d) 1 e) 1 f) 0 g) 0 h) 2
   i) 2 j) 2
3. 4+1=5
4. 10
5. b
6. 7; 7+1=8

Unit 3.2

1. a) 13 b) 10 c) 16 d) 9 e) 12 f) 14 g) 14 h) 10
2. 9
3. c
4. 13

Unit 3.3

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

Unit 3.4

1. a) 9+9=18 b) 3+3=6 c) 7+7=14 d) 5+5=10
   e) 8+8=16 f) 2+2=4 g) 4+4=8 h) 6+6=12
2. a) 6+6=12 b) 4+4=8 c) 9+9=18 d) 5+5=10
   e) 3+3=9 f) 7+7=14 g) 8+8=16 h) 2+2=4
   i) 1+1=2 j) 5+5=10
3. 7+7=14
4. d
5. 3+3=6

Unit 3.5

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

Unit 3.6

1. a) 4+2=6; 2+4=6 b) 2+6=8; 6+2=8 c) 5+3=8; 3+5=8
   d) 1+4=5; 4+1=5 e) 6+8=14; 8+6=14 f) 5+6=11; 6+5=11
2. a) 3+7=10; 7+3=10 b) 2+9=11; 9+2=11 c) 4+3=7; 3+4=7
   d) 2+6=8; 6+2=8 e) 9+8=17; 8+9=17 f) 6+7=13; 7+6=13
   g) 8+5=13; 5+8=13 h) 7+9=16; 9+7=16
3. 5+3=8, 3+5=8
4. b
5. 3+2=5, 2+3=5

$$\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array} \qquad \begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$$

Unit 3.7

1. a) 0 b) 2
2. 3. a) 5+5=10 b) 9+9=18
4. No
5. 3+3
   b) 7+4=11, 4+7=11
6. in order
7. a)

$$\begin{array}{r} 9 \\ +3 \\ \hline 12 \end{array} \quad \begin{array}{r} 3 \\ +9 \\ \hline 12 \end{array}$$

8. 4+5=9, 5+4=9

$$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}, \quad \begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array},$$