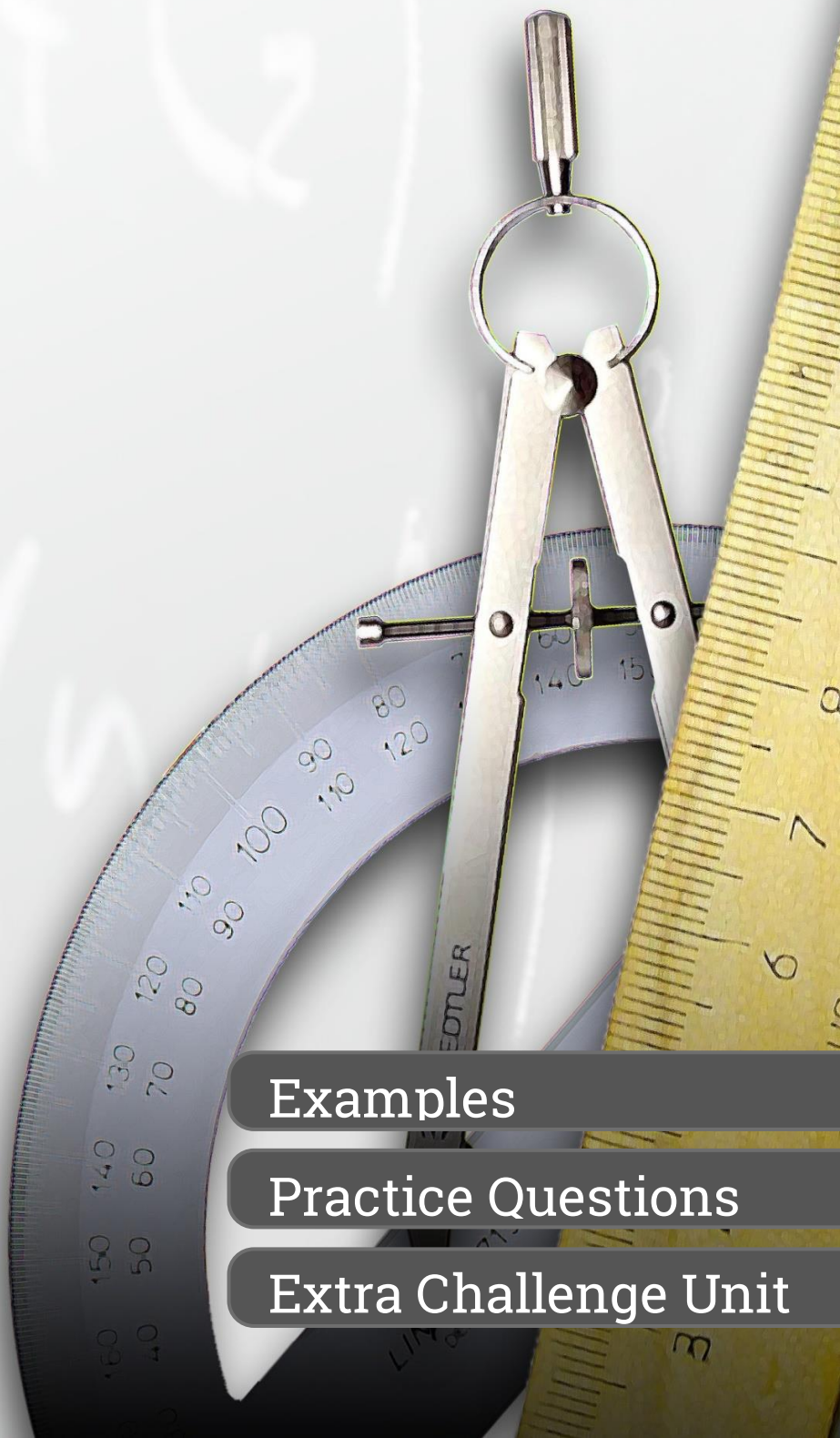
Grade 1 – Lesson 3

Math Practice

Addition Exploration Part I



- Examples
- Practice Questions
- Extra Challenge Unit

Student Name

_____

Unit 3.1

Addition Using Objects

Example

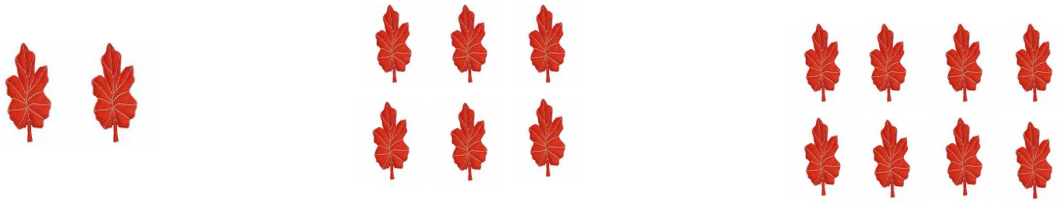
Count and Add.

3 + 2 = 5

Exercise

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

a)

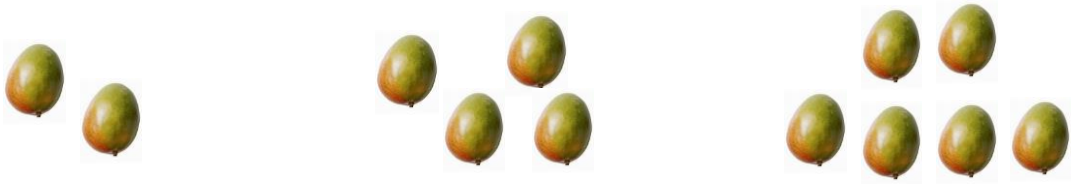


☐ + ☐ = ☐

b)

☐ + ☐ = ☐

c)



☐ + ☐ = ☐

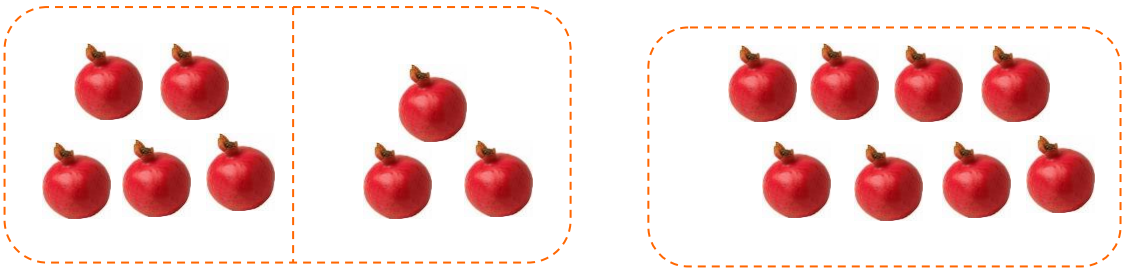
Unit 3.1

Addition Using Objects

Exercise

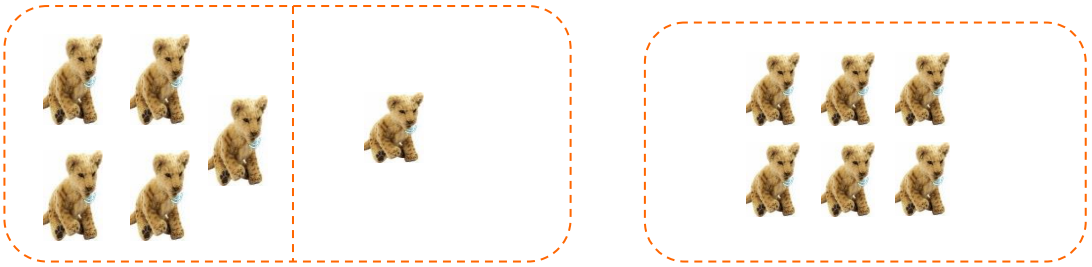
2. Count and write the number in all.

a)



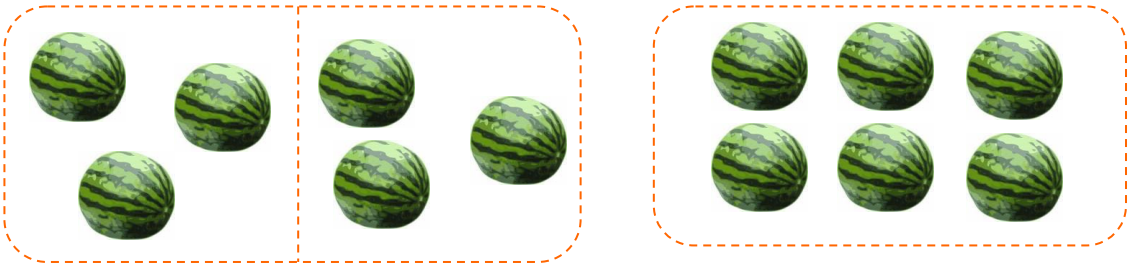
_____ + _____ = _____

b)



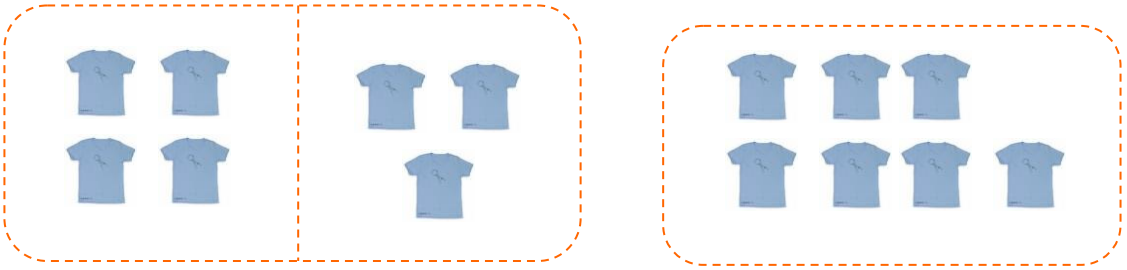
_____ + _____ = _____

c)



_____ + _____ = _____

d)



_____ + _____ = _____

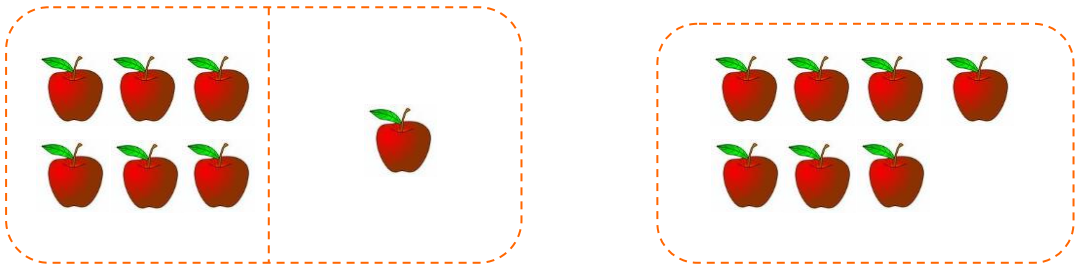
Unit 3.1

Addition Using Objects

Exercise

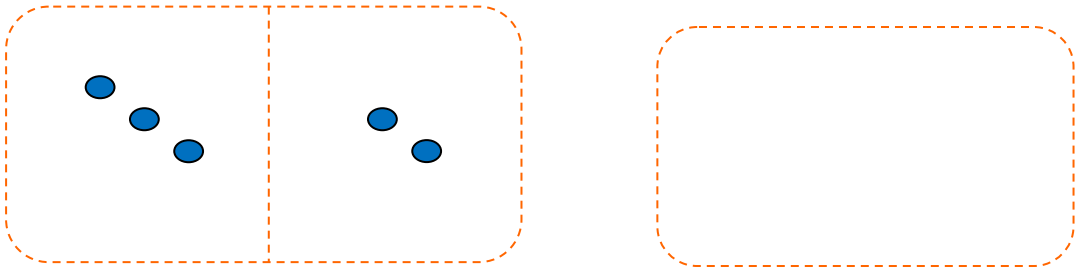
3. Fill in the blanks as shown. Draw the total amount of items in the box on the right.

a)



6 + 1 = 7

b)

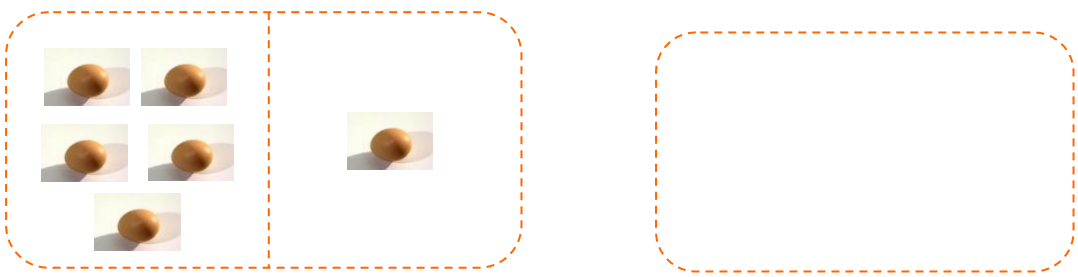


_____ + _____ = _____

c)

_____ + _____ = _____

d)

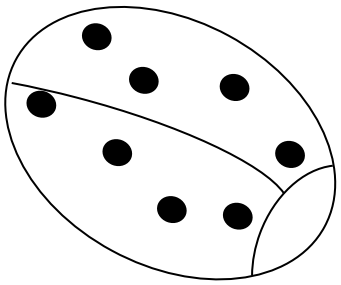


Unit 3.1

Addition Using Objects

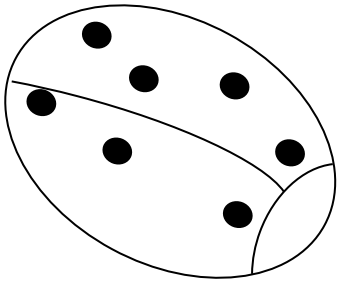
Exercise

4. Count the dots and add.

a) 

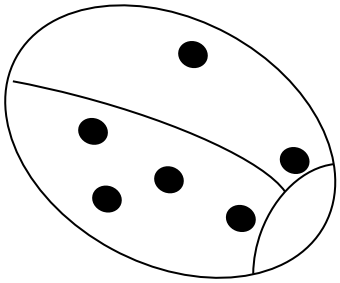
4 + 4 = 8

The ladybug has _____ dots altogether.

b) 

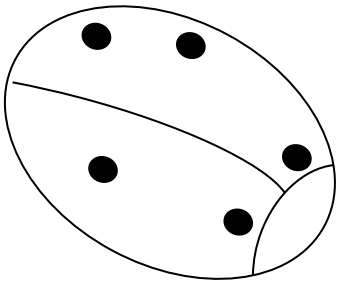
_____ + _____ = _____

The ladybug has _____ dots altogether.

c) 

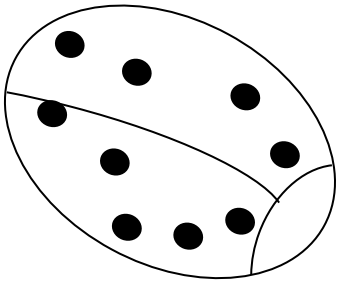
_____ + _____ = _____

The ladybug has _____ dots altogether.

d) 

_____ + _____ = _____

The ladybug has _____ dots altogether.

e) 

_____ + _____ = _____

The ladybug has _____ dots altogether.

Unit 3.1

Addition Using Objects

Exercise

Solve the problems below.

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

_____ balloons

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

a) 6 b) 8 c) 7 d) 9

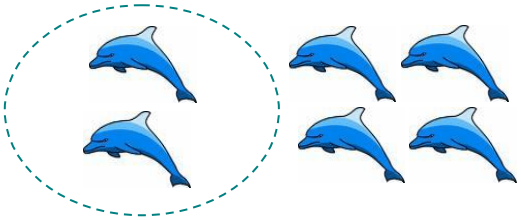
7. Jasmine has 3 science books.
She has 5 math books too.
How many books does Jasmine have?

_____ books

Unit 3.2

Addition Equaling 6

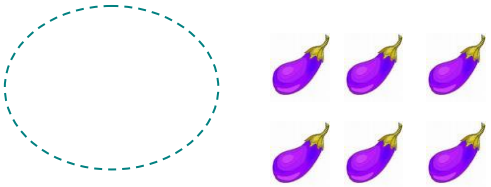
Example



2 inside 4 outside

6 in all

2 + 4 = 6



0 inside 6 outside

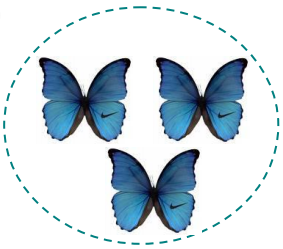
6 in all

0 + 6 = 6

Exercise

1. Fill in the blanks.

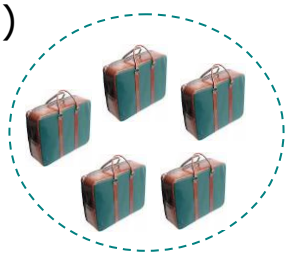
a)



____ inside _____ outside

____ in all

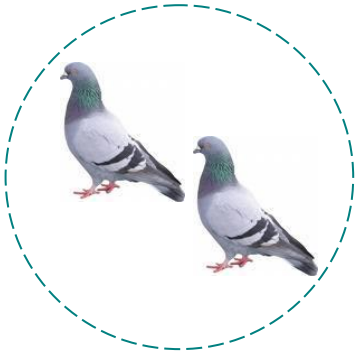
b)



____ inside _____ outside

____ in all

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



Draw the pigeons in the box.

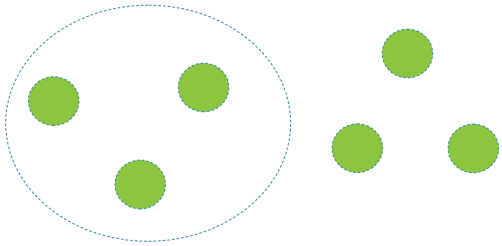
Unit 3.2

Addition Equaling 6

Exercise

3. Fill in the blanks.

a)

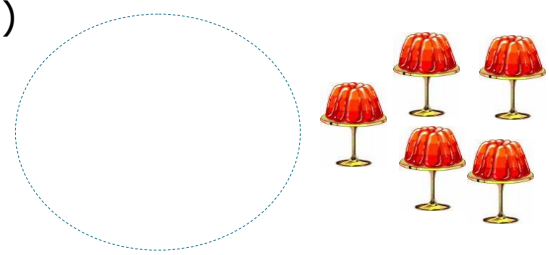


There are 3 dots inside.
There are 3 dots outside.
There are 6 dots in all.

b)

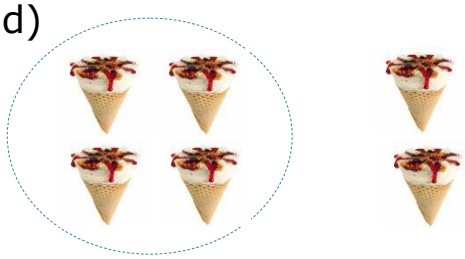
There are _____ bags inside.
There are _____ bags outside.
There are _____ bags in all.

c)



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

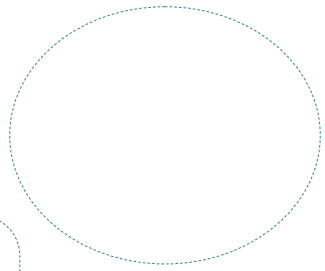
d)

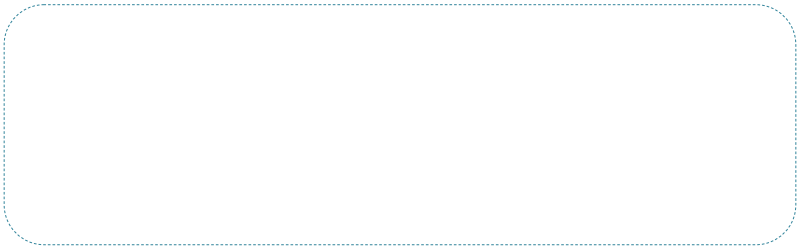


There are ____ cones inside.
There are ____ cones outside.
There are ____ cones in all.

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

Draw the rest of the pizzas in the box below.





Unit 3.2

Addition Equaling 6

Exercise

Solve the problems below.

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

_____ balloons

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

a) 7 b) 6 c) 5 d) 8

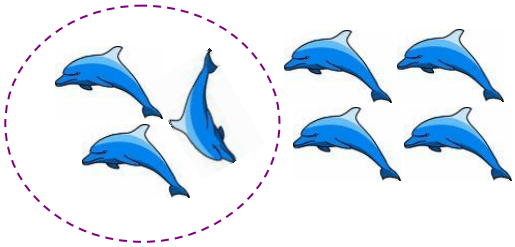
7. Draw picture of 6 balls.
Make some red and the rest green.
Use numbers to tell about red, green, and the total balls.

____ red balls ____ green balls ____ total balls

Unit 3.3

Addition Equaling 7

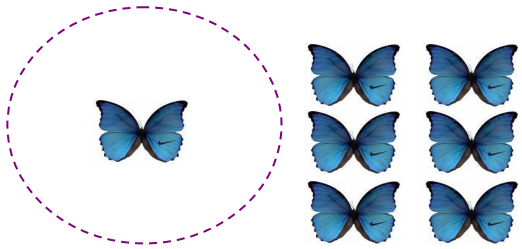
Example



3 inside 4 outside

7 in all

3 + 4 = 7



1 inside 6 outside

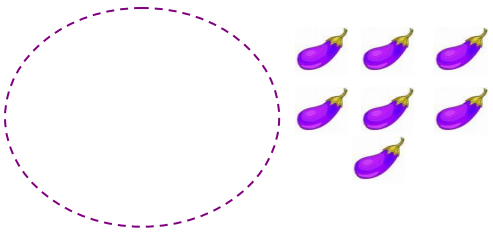
7 in all

1 + 6 = 7

Exercise

1. Fill in the blanks.

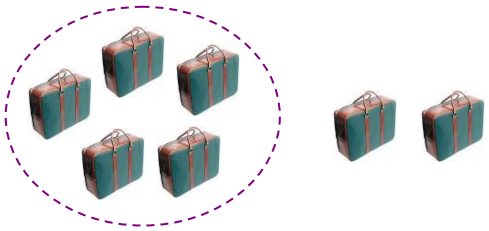
a)



____ inside ____ outside

____ in all

b)



____ inside ____ outside

____ in all

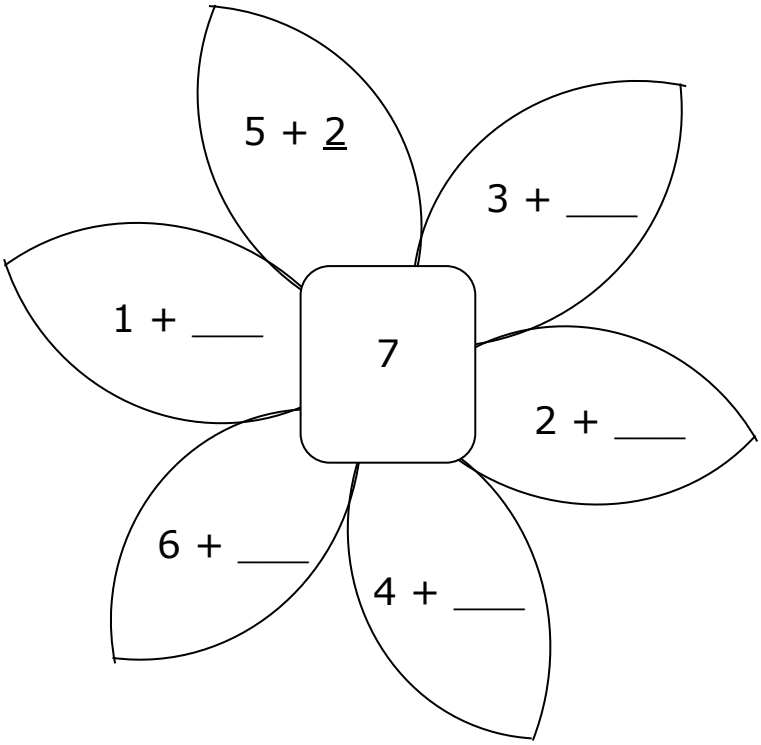
2. There are 7 flowers in all.
There are 4 flowers in the circle.
The rest of the flowers are in a box
There are ____ flowers in the box.
Draw the flowers in the box.

Unit 3.3

Addition Equaling 7

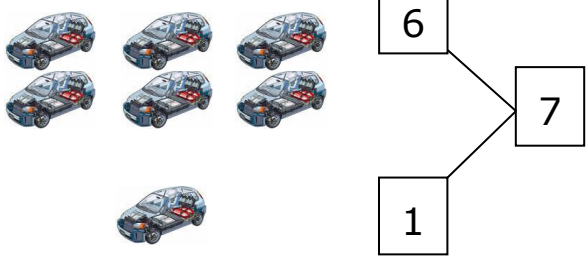
Exercise

3. Write the missing numbers.

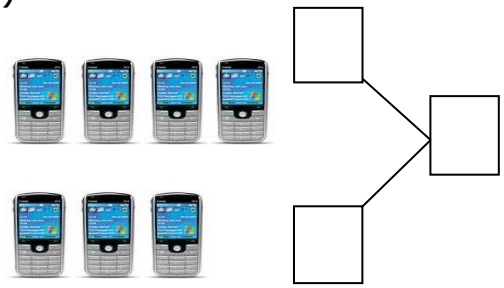


4. Fill the parts and whole of 7 as shown below.

a)

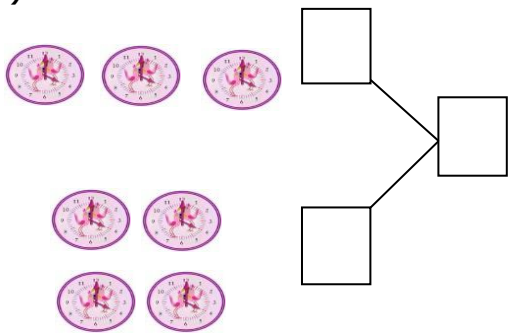


b)



c)

d)



Unit 3.3

Addition Equaling 7

Exercise

Solve the problems below.

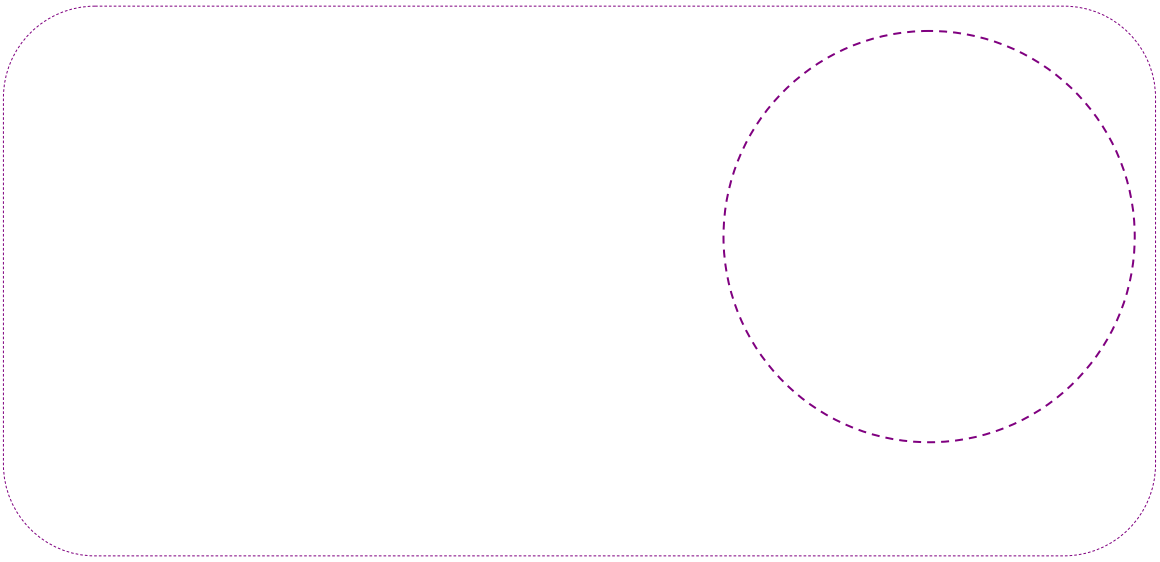
5. 4 children are playing tennis.
   3 children are playing tetherball.
   How many children are playing altogether?
   Use counters to solve.

   ____ children

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

   a) 9 b) 6 c) 8 d) 7

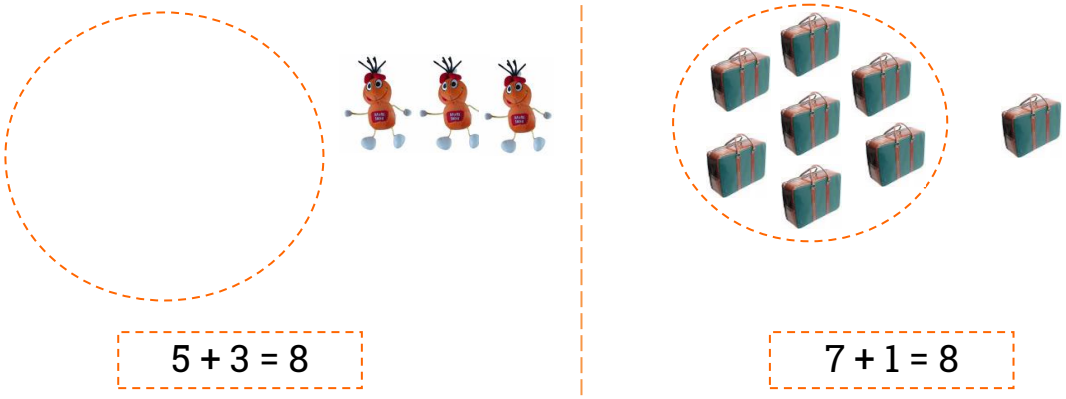
7. There are 7 bananas in all.
   Draw some outside the circle.
   Draw the rest inside the circle.
   Write how many are outside and inside.



Unit 3.4

Addition Equaling 8

Example



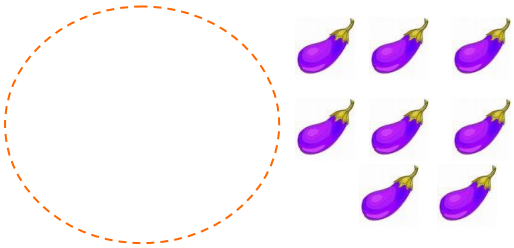
5 + 3 = 8

7 + 1 = 8

Exercise

1. Fill in the blanks.

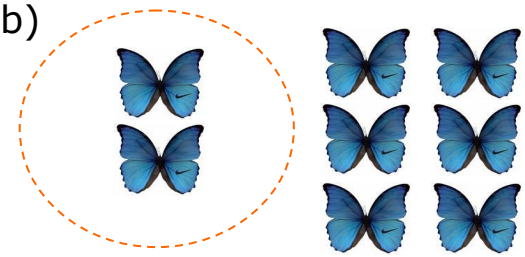
a)



____ inside ____ outside

____ in all

b)



____ inside ____ outside

____ in all

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

Draw the dolls in the box.

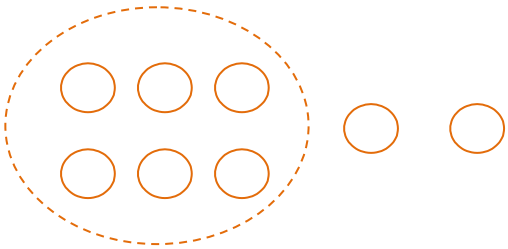
Unit 3.4

Addition Equaling 8

Exercise

3. Write number sentences to make 8.

a)



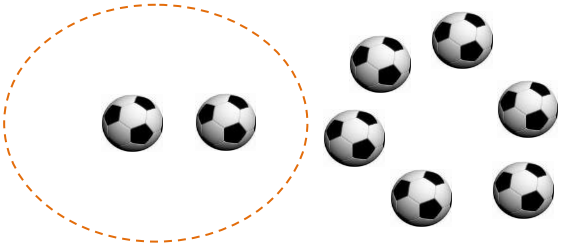
There are 6 circles inside.
There are 2 circles outside.
There are 8 circles in all.

6 + 2 = 8

b)

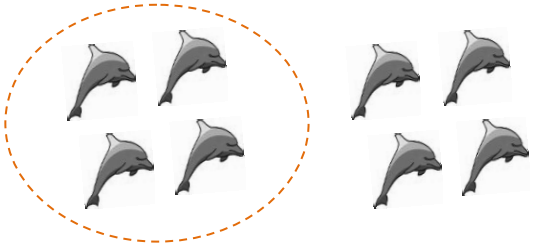
There are ____ bags inside.
There are ____ bags outside.
There are ____ bags in all.

c)



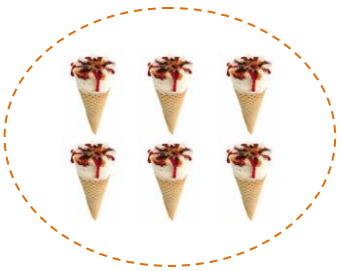
There are ____ balls inside.
There are ____ balls outside.
There are ____ balls in all.

d)



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

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



Draw the rest ice cream cones in the box.

Unit 3.4

Addition Equaling 8

Exercise

Solve the problems below.

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

Use counters to solve.

_____ ice creams in all.

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

a) 9 b) 7 c) 8 d) 6

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

_____ inside

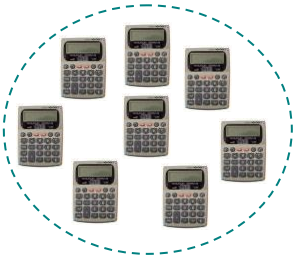
_____ outside

_____ in all

Unit 3.5

Addition Equaling 9

Example



8 inside 1 outside

9 in all

8 + 1 = 9

6 inside 3 outside

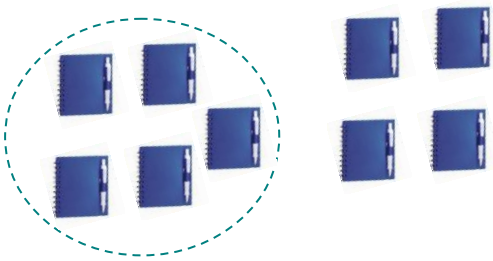
9 in all

6 + 3 = 9

Exercise

1. Fill in the blanks.

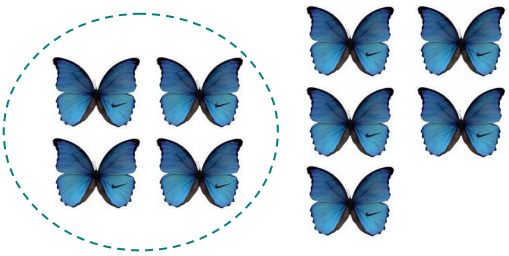
a)



____ inside ____ outside

____ in all

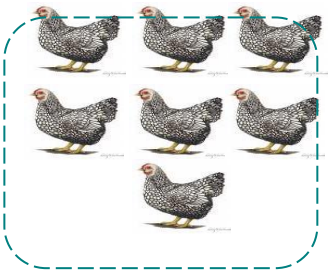
b)



____ inside ____ outside

____ in all

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

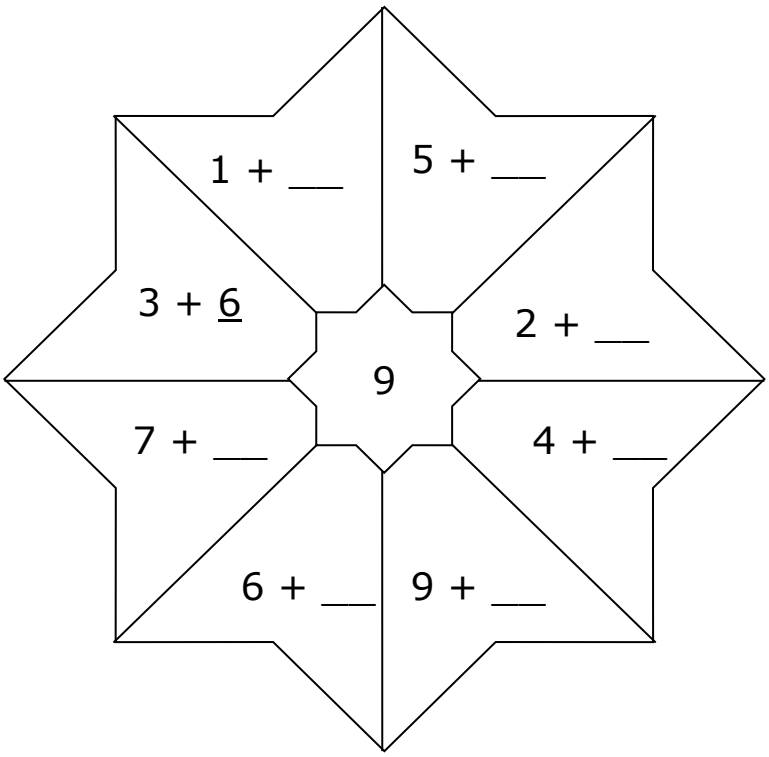


Unit 3.5

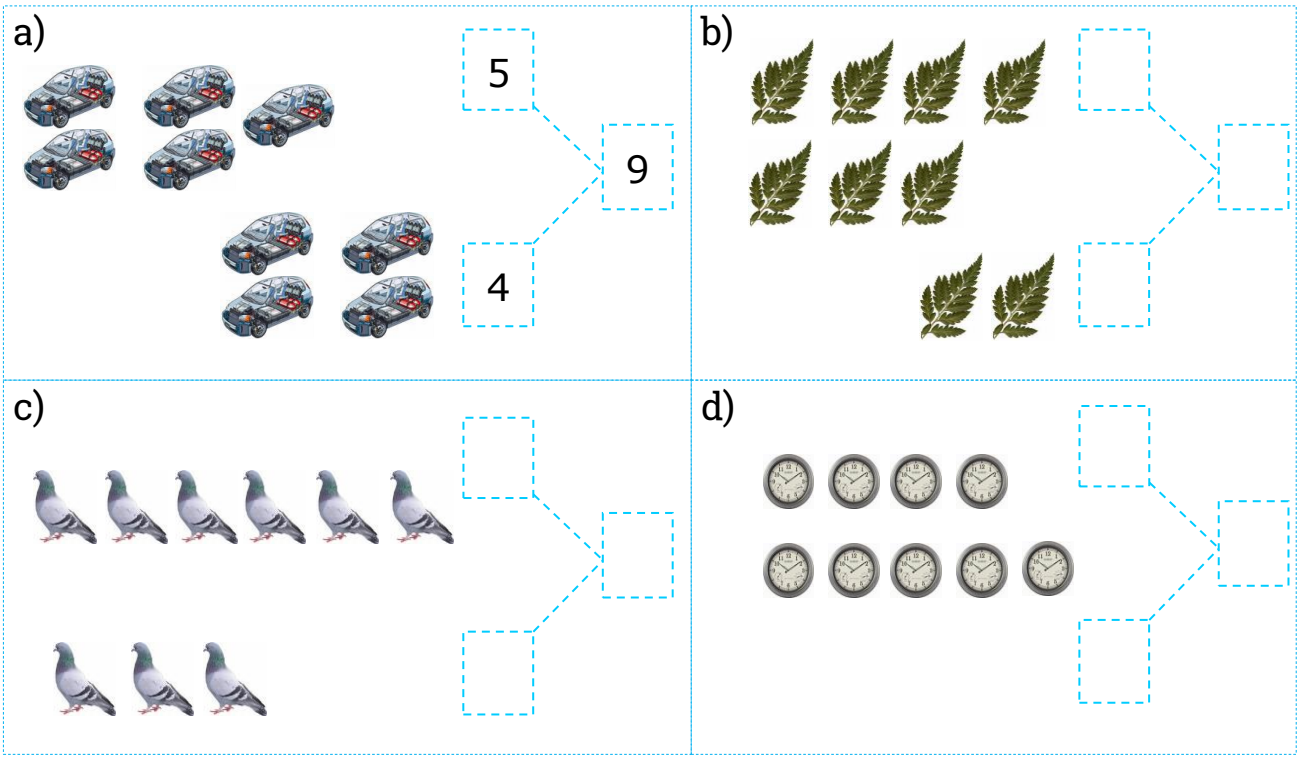
Addition Equaling 9

Exercise

3. Write the missing numbers to make 9.



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



Unit 3.5

Addition Equaling 9

Exercise

Solve the problems below.

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

Draw a picture to solve.

_____ eggs

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

a) 9 b) 8 c) 10 d) 7

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

red _____ green _____ total apples

Unit 3.6

Math Challenges

Exercise

1. Solve the problems given below.

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

How many students are there? _____

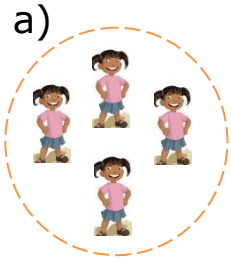
$$\begin{array}{r} 5 \\ +\ 4 \\ \hline \end{array}$$

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

How many birds are flying altogether? _____

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

a)

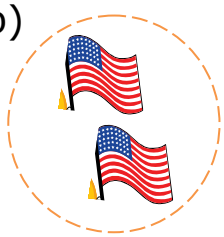


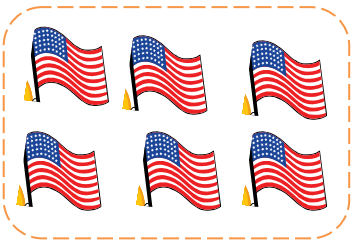
There are ____ dolls in the circle.
There are ____ dolls in the box.

There are 6 dolls in all.

Write the addition equation. ____ + ____ = ___

b)





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

There are ____ flags in all.

Write the addition equation. ____ + ____ = ____

Unit 3.6

Math Challenges

Exercise

Solve the problems below.

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

Bananas

Apples

Write the addition equation. ____ + ____ = ____

Circle the correct answer.

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

a) 8 b) 6 c) 9 d) 3

Write the addition equation. ____ + ____ = ____

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

a) 2 b) 4 c) 8 d) 6

Write the addition equation. ____ + ____ = ____

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

Unit 3.6

Math Challenges

Exercise

7. Find the 6 number sentences to make 5.

_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____

_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____

8. Find the 7 number sentences to make 6.

_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____

_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____

9. Find the 8 number sentences to make 7.

_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____

_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____

10. Find the 9 number sentences to make 8.

_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____

_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____
_____ + _____ = _____

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

Congratulations!

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

Grade 1

Answer Key of Lesson 3

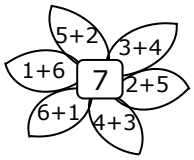
Unit 3.1

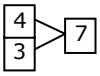
1. a) 2+6=8 b) 6+1=7 c) 2+4=6
2. a) 5+3=8 b) 5+1=6 c) 3+3=6 d) 4+3=7
3. a) 6+1=7 b) 3+2=5 c) 4+2=6 d) 5+1=6
4. a) 4+4=8 b) 4+3=7 c) 4+2=6 d) 3+2=5
   e) 4+5=9
5. 3+4=7 6. d 7. 8

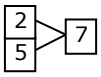
Unit 3.2

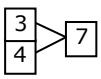
1. a) 3,3; 6; 3+3=6 b) 5,1; 6; 5+1=6
2. 4 3. b) 6,0; 6 c) 1,5; 6 d) 4,2; 6
4. 4 5. 6 6. b

Unit 3.3

1. a) 0,7; 7; 0+7=7 b) 5,2; 7; 5+2=7
2. 3
3. 

4. b) 

c) 

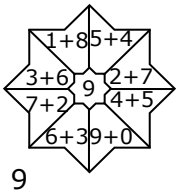
d) 

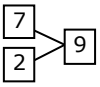
5. 7 6. d

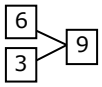
Unit 3.4

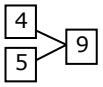
1. a) 0,8; 8 0+8=8 b) 2,6; 8 2+6=8
2. 2
3. b) 3,5; 8 3+5=8 c) 2,6; 8 2+6=8
   d) 4,4; 8 4+4=8
4. 2 5. 8 6. c

Unit 3.5

1. a) 5,4; 9 5+4=9 b) 4,5; 9 4+5=9
2. 2
3. 

4. b) 

c) 

d) 

5. 9 6. a

Unit 3.6

1. a) 9 b) 7
2. a) 4,2; 6 4+2=6 b) 2,6; 8 2+6=8 3. 3+5=8
4. c 5. d 6. b
7. 0+5=5; 1+4=5; 2+3=5; 3+2=5; 4+1=5; 5+0=5
8. 0+6=6; 1+5=6; 2+4=6; 3+3=6; 4+2=6; 5+1=6; 6+0=6
9. 0+7=7; 1+6=7; 2+5=7; 3+4=7; 4+3=7; 5+2=7; 6+1=7; 7+0=7
10. 0+8=8; 1+7=8; 2+6=8; 3+5=8; 4+4=8; 5+3=8; 6+2=8; 7+1=8 8+0=8 11. 10 ways