

Count on to add.

Example



5



6 , 7

5

+

2

=

7

1



7



7

+

1

=

2



8



_____ , _____

8

+

2

=

Use what you know about doubles to solve.

Example

1 black sticker. 1 white sticker.
How many stickers in all?

$$1 + 1 = \underline{2}$$

2 stickers



1 1 black sticker. 2 white stickers.

How many stickers in all?

$$1 + 2 = \underline{\quad}$$

 stickers



2 3 white stickers. 3 black stickers.

How many stickers in all?

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

 stickers



Use the blocks. Complete the addition equations.

Example

--	--	--	--	--	--

$$4 + \underline{2} = 6$$

--	--	--	--	--	--

$$2 + \underline{4} = 6$$

1

--	--	--	--	--	--

$$5 + \underline{\quad} = 6$$

--	--	--	--	--	--

$$1 + \underline{\quad} = 6$$

2

--	--	--	--	--	--

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

--	--	--	--	--	--

$$0 + \underline{\quad} = 6$$

3

--	--	--	--	--	--	--

$$5 + \underline{\quad} = 7$$

--	--	--	--	--	--	--

$$2 + \underline{\quad} = 7$$

4

--	--	--	--	--	--	--

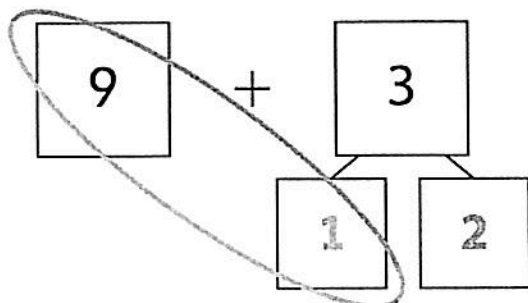
$$3 + \underline{\quad} = 7$$

--	--	--	--	--	--	--

$$4 + \underline{\quad} = 7$$

Fill in the number bonds to make a ten.

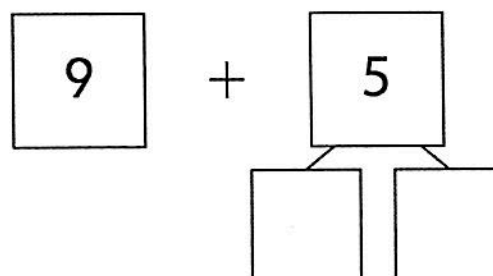
1 Find $9 + 3$.



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

$$9 + 3 = \underline{\quad}$$

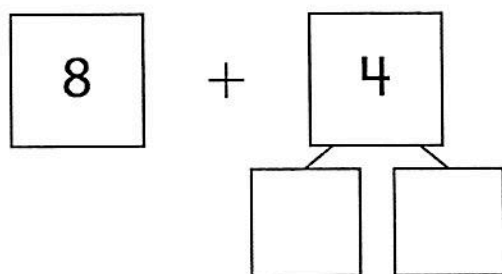
2 Find $9 + 5$.



$$10 + 4 = \underline{\quad}$$

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

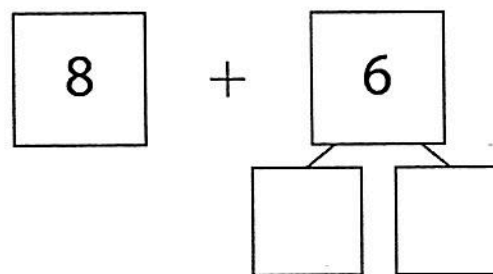
3 Find $8 + 4$.



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

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

4 Find $8 + 6$.



$$10 + 4 = \underline{\quad}$$

$$8 + 6 = \underline{\quad}$$

Use addition to help you subtract.

1 Find $6 - 5$.

$$5 + \underline{1} = 6$$

$$6 - 5 = \underline{\quad}$$

2 Find $7 - 6$.

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

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

3 Find $5 - 2$.

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

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

4 Find $6 - 4$.

$$4 + \underline{\quad} = 6$$

$$6 - 4 = \underline{\quad}$$

5 Find $8 - 4$.

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

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

6 Find $9 - 7$.

$$7 + \underline{\quad} = 9$$

$$9 - 7 = \underline{\quad}$$

7 Write an addition equation that helps you find $6 - 3$.
Then complete the subtraction equation.

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

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

Discuss It

How can an addition equation help you solve a subtraction equation?

4 Find $9 - 8$.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

$$8 + \underline{\quad} = 9 \qquad 9 - 8 = \underline{\quad}$$

5 Find $6 - 5$.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

$$5 + \underline{\quad} = 6 \qquad 6 - 5 = \underline{\quad}$$

6 Find $9 - 4$.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

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

7 Find $8 - 2$.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

$$2 + \underline{\quad} = 8 \qquad 8 - 2 = \underline{\quad}$$

Discuss It

How is solving $6 - 4$ the same as solving $9 - 4$?

How is it different?

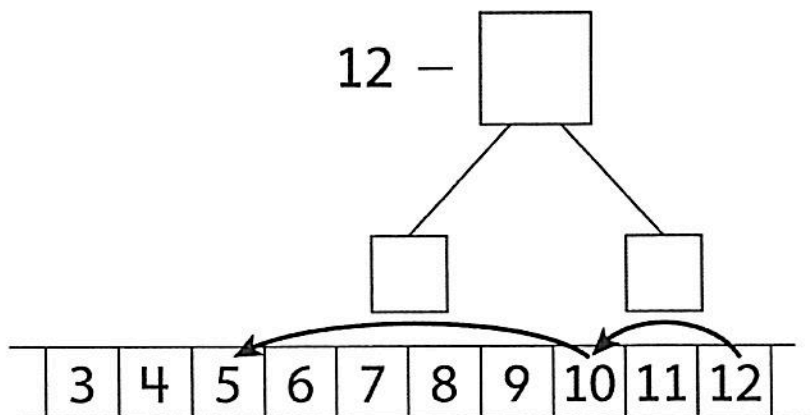
Name _____

4 Find $12 - 7$.

$$12 - \underline{\quad} = 10$$

$$10 - 5 = \underline{\quad}$$

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

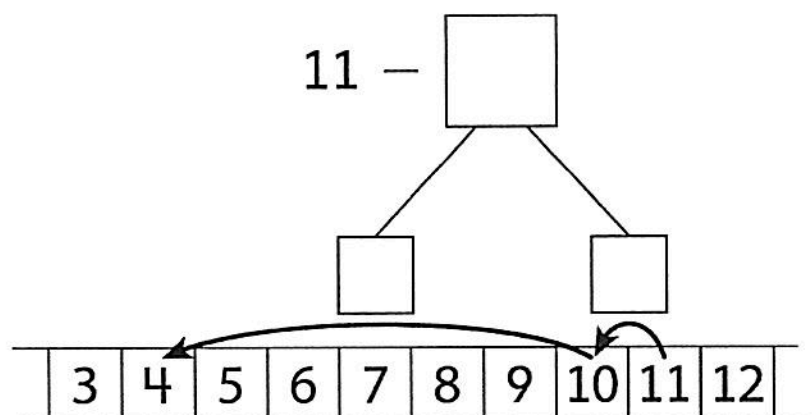


5 Find $11 - 7$.

$$11 - \underline{\quad} = 10$$

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

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

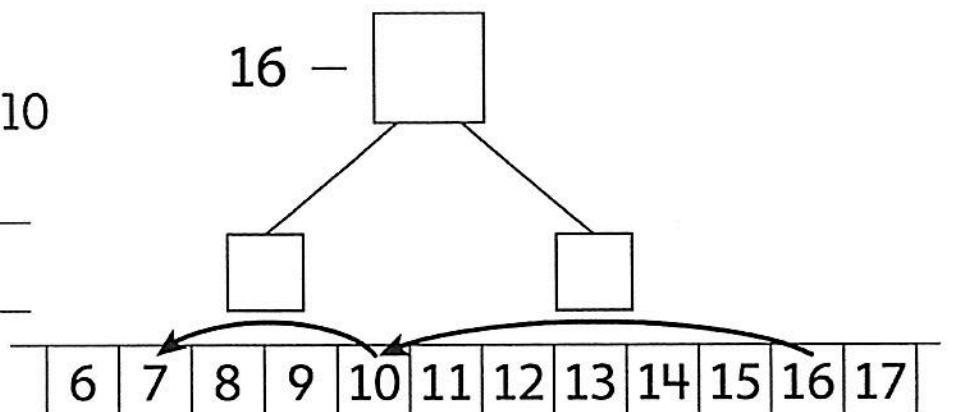


6 Find $16 - 9$.

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

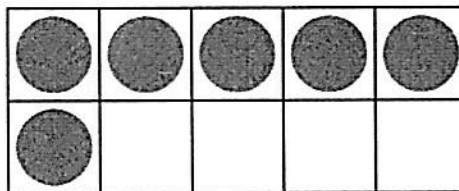
$$10 - 3 = \underline{\quad}$$

$$16 - 9 = \underline{\quad}$$

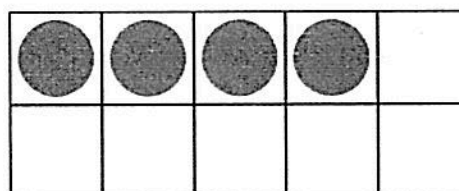


Name _____

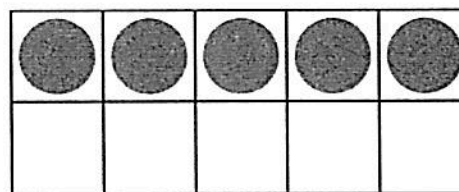
$$10 = 6 + \underline{\hspace{2cm}}$$



$$10 = 4 + \underline{\hspace{2cm}}$$



$$10 = 5 + \underline{\hspace{2cm}}$$



- 3** Asia has 7 books. She buys more books.

Now Asia has 9 books.

How many books does she buy?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

$7 + \underline{\quad} = 9 \qquad 9 - \underline{\quad} = 7$

Asia buys books.

- 4** Jake has 8 games. He gives some away.

Now he has 3 games.

How many games does Jake give away?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

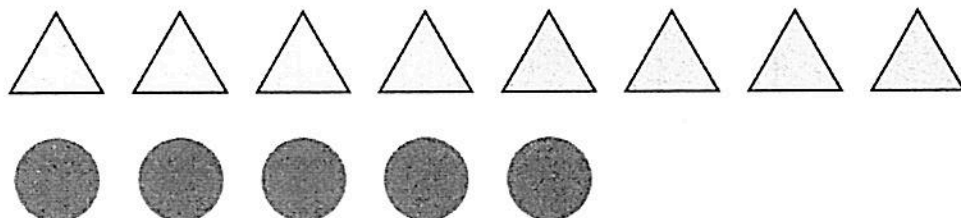
$3 + \underline{\quad} = 8 \qquad 8 - \underline{\quad} = 3$

Jake gives games away.

Name _____

- 4** There are 8 triangles and 5 circles.

How many fewer circles than triangles are there?

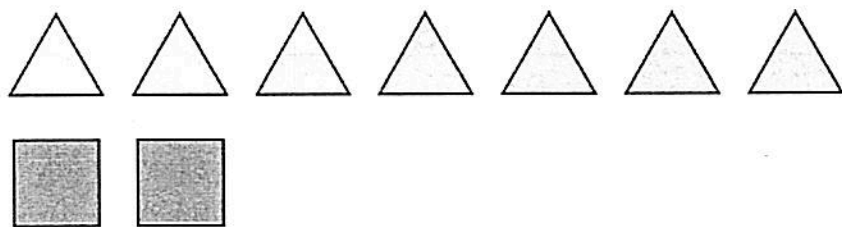


$$8 - 5 = \underline{\quad}$$

 fewer triangles

- 5** There are 2 squares and 7 triangles.

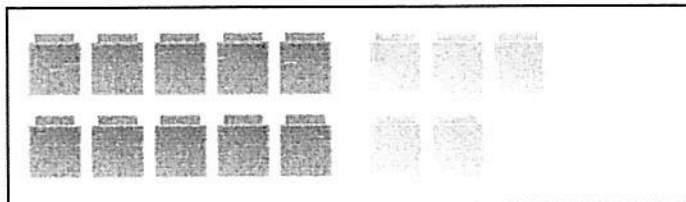
How many fewer squares than triangles are there?



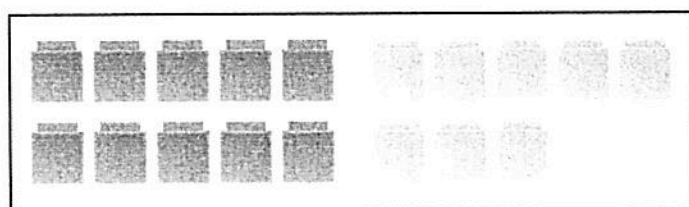
$$7 - 2 = \underline{\quad}$$

 fewer squares

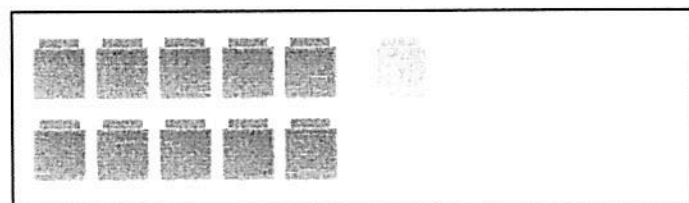
Draw lines to match the numbers.



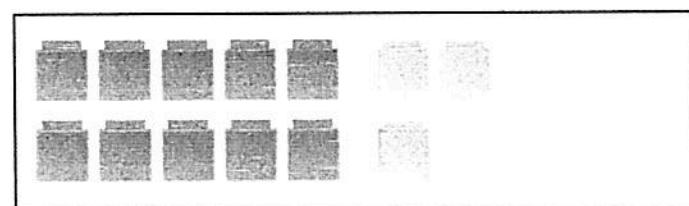
11



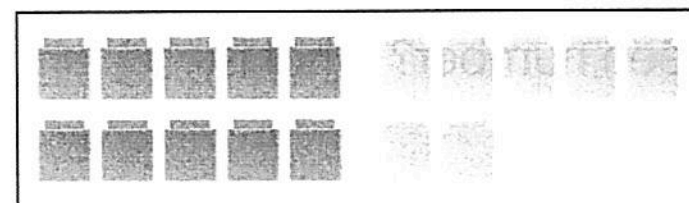
17



15



18



13

Add.

1 $9 + 3 = \underline{12}$

2 $3 + 9 = \underline{\quad}$

3 $8 + 6 = \underline{\quad}$

4 $6 + 8 = \underline{\quad}$

5 $4 + 9 = \underline{\quad}$

6 $5 + 7 = \underline{\quad}$

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

8 $7 + 8 = \underline{\quad}$

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

10 $9 + 8 = \underline{\quad}$

11 $6 + 3 + 4 = \underline{\quad}$

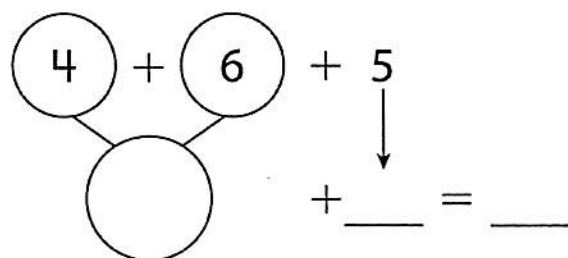
12 $5 + 9 + 1 = \underline{\quad}$

Discuss It

Explain how you solved Problem 11.

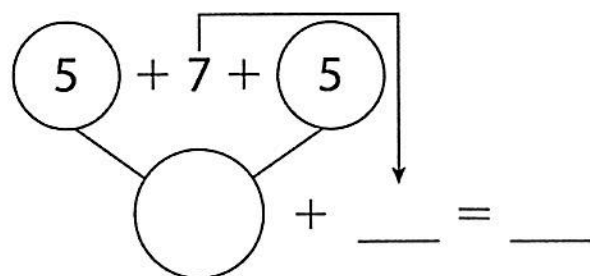
Name _____

7 Find $4 + 6 + 5$.



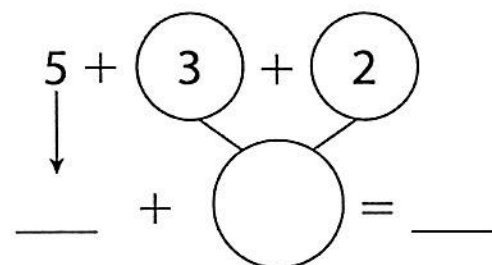
$$4 + 6 + 5 = \underline{\quad}$$

8 Find $5 + 7 + 5$.



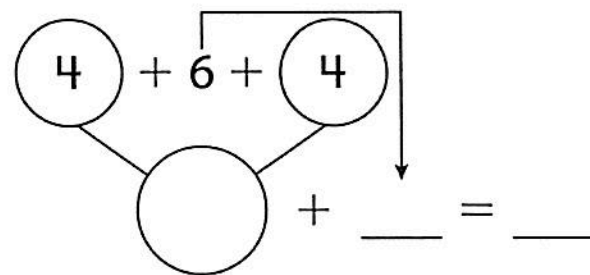
$$5 + 7 + 5 = \underline{\quad}$$

9 Find $5 + 3 + 2$.



$$5 + 3 + 2 = \underline{\quad}$$

10 Find $4 + 6 + 4$.



$$4 + 6 + 4 = \underline{\quad}$$

11 When solving $4 + 6 + 4$, Ava adds $4 + 6$ first.

Rico adds $4 + 4$ first. Who is correct? Why?

Name _____

- 4** Find the missing number.

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

- 5** Find the missing number.

$$8 = 12 - \underline{\quad}$$

- 6** Find the missing number.

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

- 7** Find the missing number.

$$16 - \underline{\quad} = 7$$

- 8** Find the missing number.

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

- 9** Find the missing number.

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

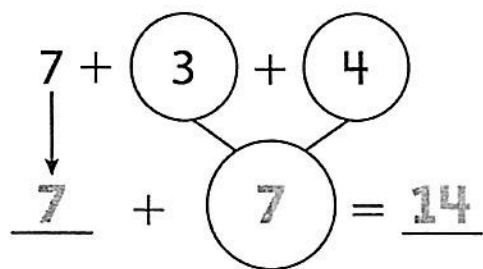
- 10** Find the missing number.

$$\underline{\quad} - 7 = 10$$

Discuss It

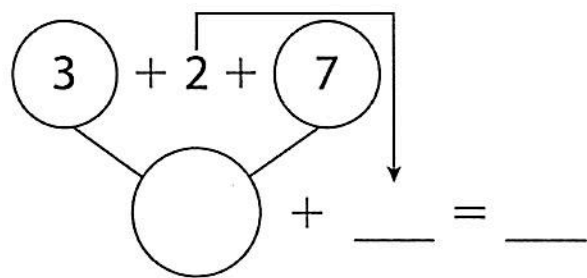
- 11** How did you use the 10-frames to find the missing number in Problem 4?

1 Find $7 + 3 + 4$.



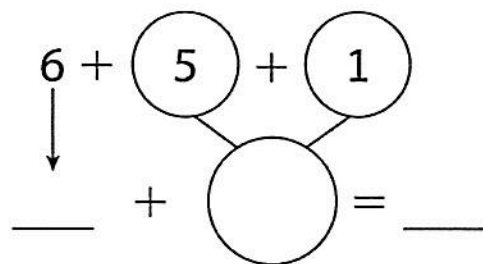
$7 + 3 + 4 = \underline{14}$

2 Find $3 + 2 + 7$.



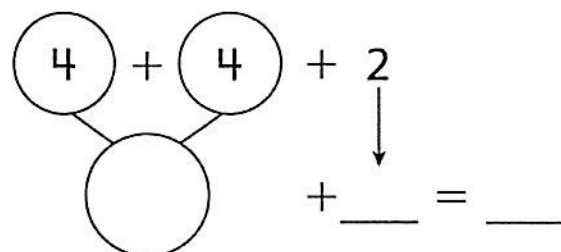
$3 + 2 + 7 = \underline{\quad}$

3 Find $6 + 5 + 1$.



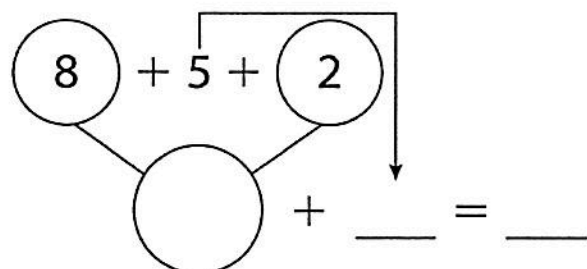
$6 + 5 + 1 = \underline{\quad}$

4 Find $4 + 4 + 2$.



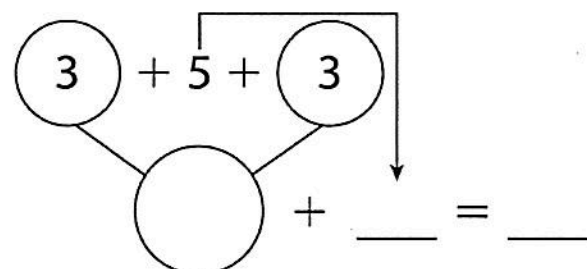
$4 + 4 + 2 = \underline{\quad}$

5 Find $8 + 5 + 2$.



$8 + 5 + 2 = \underline{\quad}$

6 Find $3 + 5 + 3$.



$3 + 5 + 3 = \underline{\quad}$

Draw lines to match the numbers.

1 ten and 4 ones

12

1 ten and 9 ones

16

1 ten and 2 ones

14

1 ten and 6 ones

11

1 ten and 1 one

19

Discuss It

What is the same about each teen number? What is different?

Choose a number from the box to complete the equation.

Example

0 1 2

$$2 + 0 = \underline{1} + 1$$

1

0 1 2

$$2 + 1 = 1 + \underline{\quad}$$

2

1 2 3

$$3 + 2 = \underline{\quad} + 3$$

3

1 2 3

$$3 + 2 = 4 + \underline{\quad}$$

4

0 1 2

$$6 + 0 = 5 + \underline{\quad}$$

5

4 5 6

$$3 + 3 = \underline{\quad} + 0$$

6

2 3 4

$$4 + 3 = 5 + \underline{\quad}$$

7

0 1 2

$$6 + 1 = 7 + \underline{\quad}$$

8

1 2 3

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

9

0 1 2

$$1 + 8 = 7 + \underline{\quad}$$

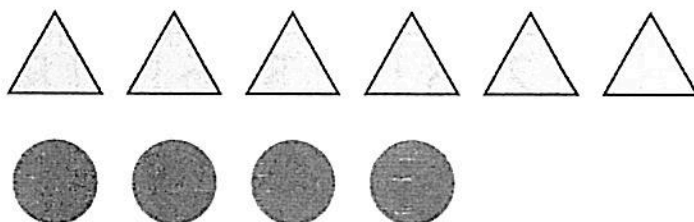
Solve the subtraction problems.

- 1** There are 6 triangles. There are 4 circles.

How many more triangles are there?

$6 - 4 = \underline{\quad}$

$\underline{\quad}$ more triangles

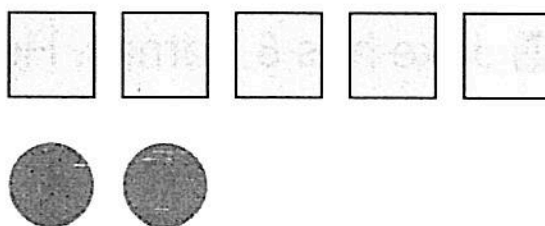


- 2** There are 5 squares. There are 2 circles.

How many more squares are there?

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

$\underline{\quad}$ more squares

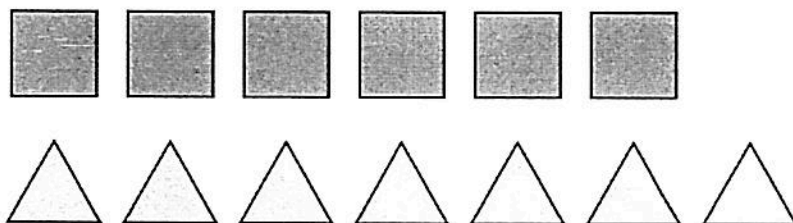


- 3** There are 7 triangles. There are 6 squares.

How many more triangles are there?

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

$\underline{\quad}$ more triangle



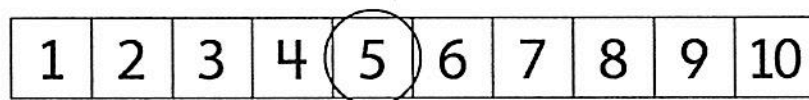
Solve each problem.

- 1** Marai sees 8 dogs at the park.

Some dogs go home.

Now Marai sees 5 dogs.

How many dogs go home?



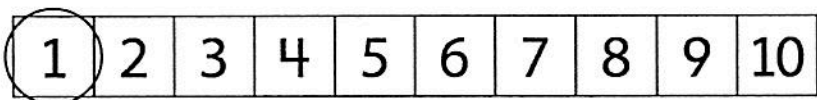
$$5 + \underline{\quad} = 8 \qquad 8 - \underline{\quad} = 5$$

 dogs go home.

- 2** Ben has 7 hats. 1 hat is red.

The rest are blue.

How many hats are blue?



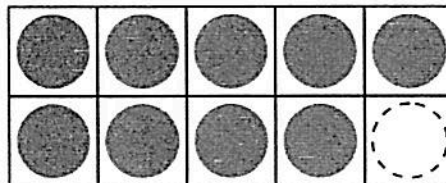
$$7 = 1 + \underline{\quad} \qquad 7 - \underline{\quad} = 1$$

 hats are blue.

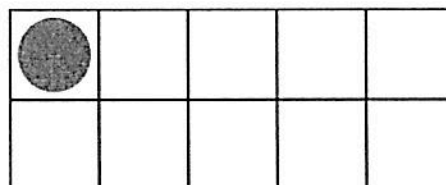
Name _____

Draw counters to make 10. Then complete the equation.

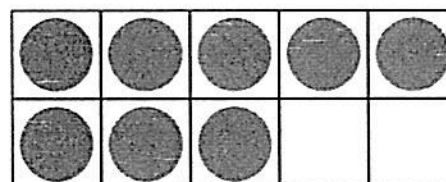
$$10 = 9 + \underline{1}$$



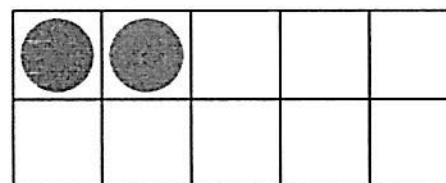
$$10 = 1 + \underline{\quad}$$



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



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



Making a Ten to Subtract

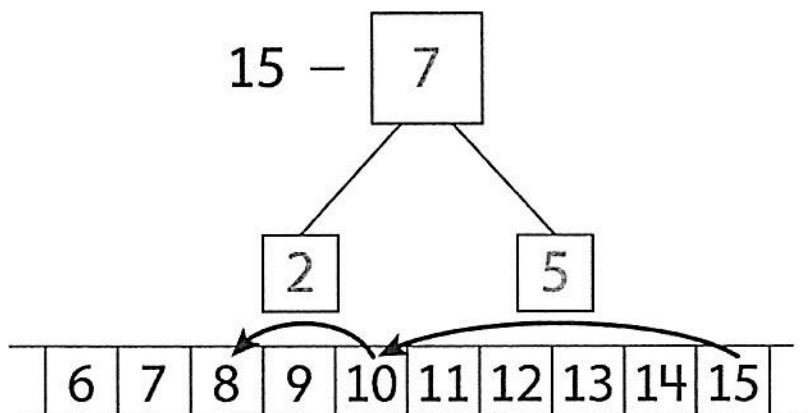
Name _____

1 Find $15 - 7$.

$$15 - \underline{5} = 10$$

$$10 - 2 = \underline{8}$$

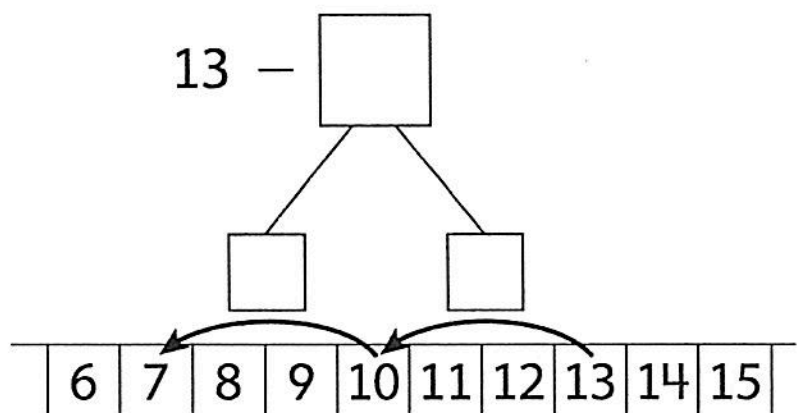
$$15 - 7 = \underline{\quad}$$

**2** Find $13 - 6$.

$$13 - \underline{\quad} = 10$$

$$10 - 3 = \underline{\quad}$$

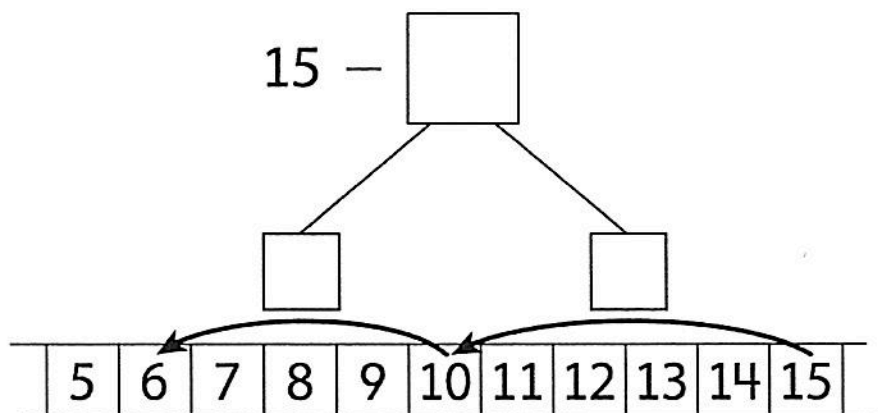
$$13 - 6 = \underline{\quad}$$

**3** Find $15 - 9$.

$$15 - \underline{\quad} = 10$$

$$10 - 4 = \underline{\quad}$$

$$15 - 9 = \underline{\quad}$$



ExampleFind $5 - 3$.

Start at 3. Count on to 5.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

$3 + \underline{2} = 5$

$5 - 3 = \underline{2}$

1 Find $6 - 4$.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

$4 + \underline{\quad} = 6$

$6 - 4 = \underline{\quad}$

2 Find $7 - 3$.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

$3 + \underline{\quad} = 7$

$7 - 3 = \underline{\quad}$

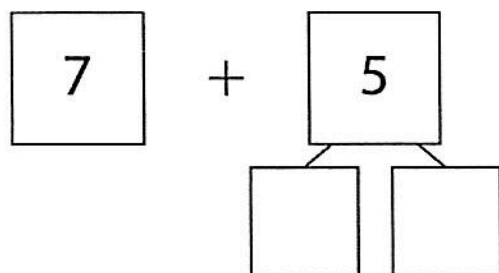
3 Find $8 - 6$.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

$6 + \underline{\quad} = 8$

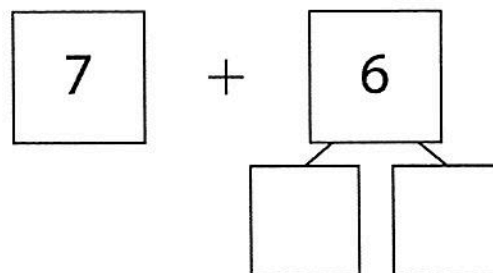
$8 - 6 = \underline{\quad}$

Name _____

5 Find $7 + 5$.

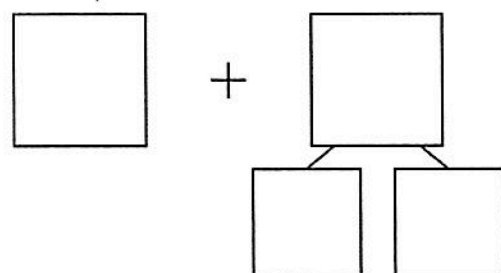
$$10 + 2 = \underline{\quad}$$

$$7 + 5 = \underline{\quad}$$

6 Find $7 + 6$.

$$10 + 3 = \underline{\quad}$$

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

7 Find $7 + 4$.

$$10 + 1 = \underline{\quad}$$

$$7 + 4 = \underline{\quad}$$

Discuss It

How does making a ten help you add two numbers?

Adding in Any Order
with Near Doubles *continued*

Name _____

5

--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--

$1 + \underline{\quad} = 8$

$7 + \underline{\quad} = 8$

6

--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--

$6 + \underline{\quad} = 8$

$2 + \underline{\quad} = 8$

7

--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--

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

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

8

--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--

$3 + \underline{\quad} = 9$

$6 + \underline{\quad} = 9$

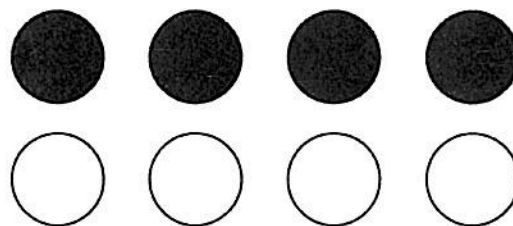
Name _____

- 3** 4 black stickers. 4 white stickers.

How many stickers in all?

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

 stickers



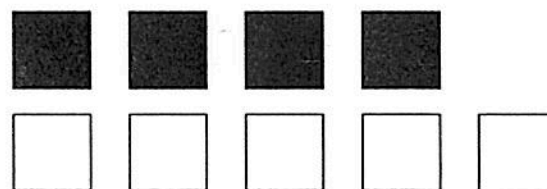
- 4** 4 black squares.

5 white squares.

How many squares in all?

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

 squares

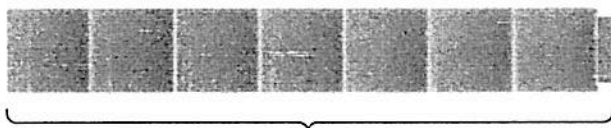


Discuss It

How is $3 + 3$ like $3 + 4$? How is it different?

Name _____

3



_____, _____

7

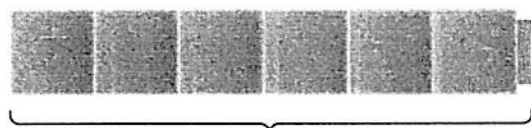
7

+

2

=

4



_____, _____, _____

6

6

+

3

=

Discuss It

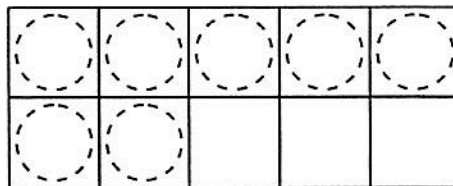
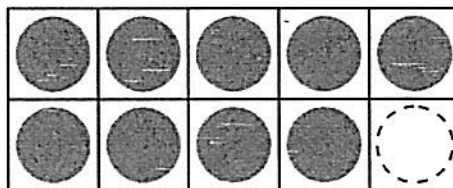
Did you always start at 1 when you counted? Explain.

Finding the Unknown Number

Name _____

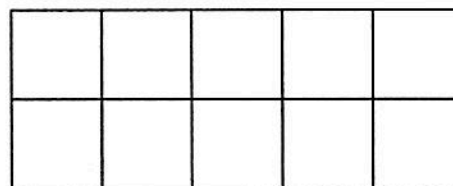
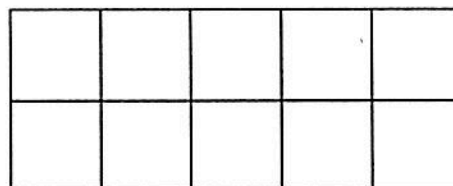
1 Find the missing number.

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



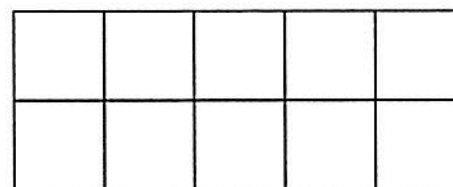
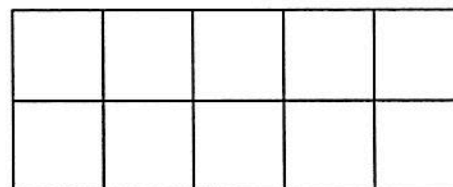
2 Find the missing number.

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

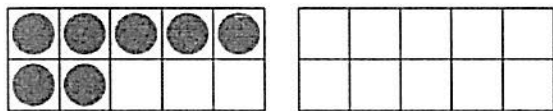


3 Find the missing number.

$$15 - \underline{\quad} = 6$$



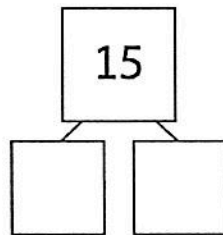
- 1** Amy has some crayons.
She finds 7 more crayons.
Now she has 18 crayons.
How many crayons did she have at the start?



$$\underline{11} + 7 = 18$$

_____ crayons

- 2** There are 15 fish in a tank.
7 of the fish are orange.
The rest are white.
How many are white?



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

_____ white fish

- 3** Marco has 16 flowers.
He gives some to Alex.
Now Marco has 8 flowers.
How many did he give to Alex?

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

_____ flowers

- 4** There are 12 bagels in a box.
Some bagels are eaten.
Now there are 4 bagels.
How many bagels were eaten?

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

_____ bagels

Name _____

- 5** Mica eats 4 fewer pretzels than Wyatt.
Wyatt eats 14 pretzels.
How many pretzels did Mica eat?

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

 pretzels

- 6** Pete reads for 9 minutes.
The next day he reads for 6 minutes.
How many minutes did he read altogether?

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

 minutes