



Summer Math Packet

Scholars Entering Grade 2

Name: _____

Count on to add.**Example**

5



6



7

5

+

2

=

7

1

7



7

+

1

=

2

8

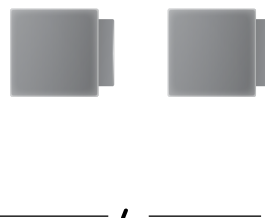
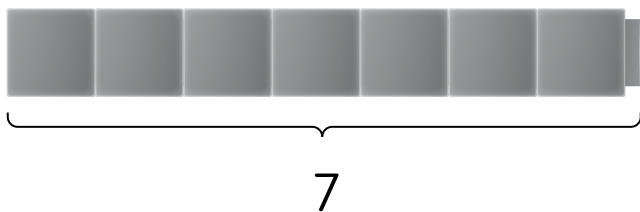


8

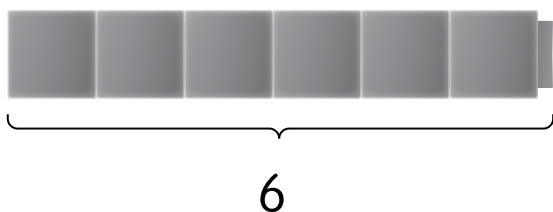
+

2

=

3

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

4

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

Discuss It

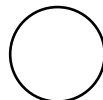
Did you always start at 1 when you counted? Explain.

Use what you know about doubles to solve.**Example**

1 black sticker. 1 white sticker.

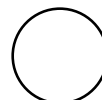
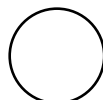
How many stickers in all?

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

 $\underline{2}$ stickers**1** 1 black sticker. 2 white stickers.

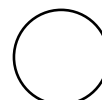
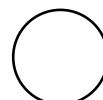
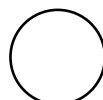
How many stickers in all?

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

 $\underline{\quad}$ stickers**2** 3 white stickers. 3 black stickers.

How many stickers in all?

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

 $\underline{\quad}$ stickers

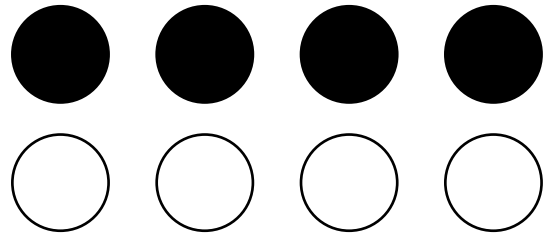
Name _____

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

How many stickers in all?

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

 stickers



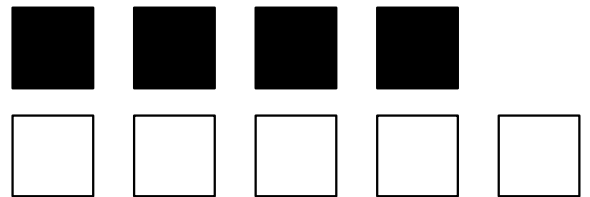
- 4** 4 black squares.

5 white squares.

How many squares in all?

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

 squares



Discuss It

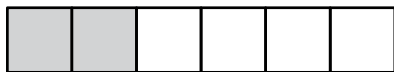
How is $3 + 3$ like $3 + 4$? How is it different?

Use the blocks. Complete the addition equations.

Example



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



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



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



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



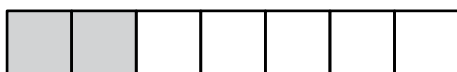
$$6 + \underline{\quad} = 6$$



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



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



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



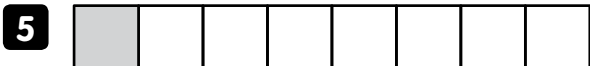
$$3 + \underline{\quad} = 7$$



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

Adding in Any Order
with Near Doubles *continued*

Name _____



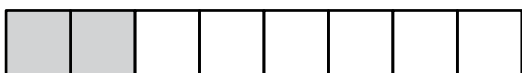
$1 + \underline{\quad} = 8$



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



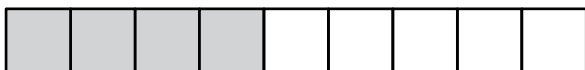
$6 + \underline{\quad} = 8$



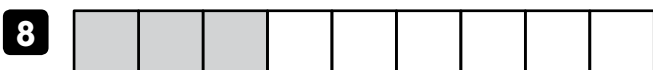
$2 + \underline{\quad} = 8$



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



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



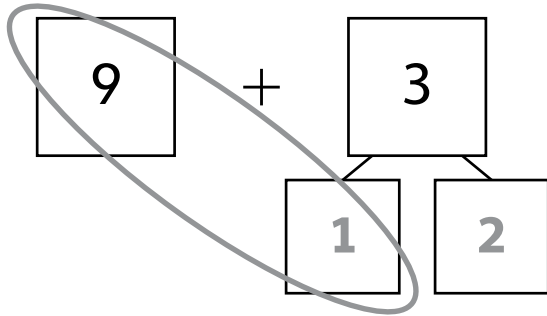
$3 + \underline{\quad} = 9$



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

Fill in the number bonds to make a ten.

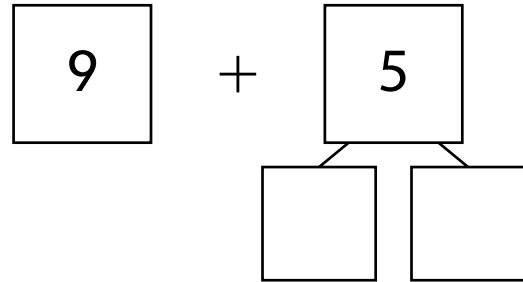
1 Find $9 + 3$.



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

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

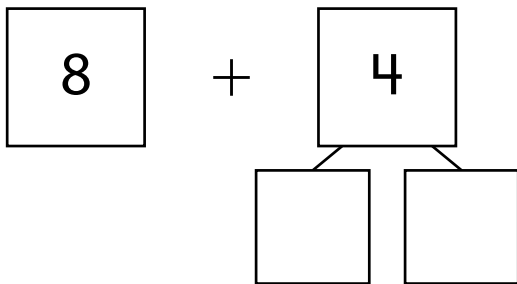
2 Find $9 + 5$.



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

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

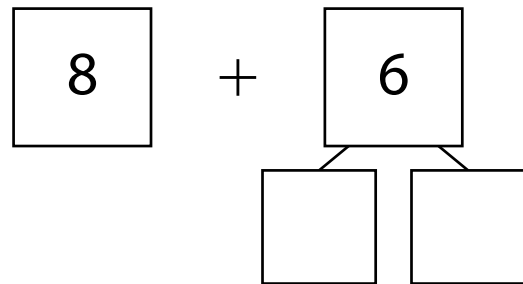
3 Find $8 + 4$.



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

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

4 Find $8 + 6$.

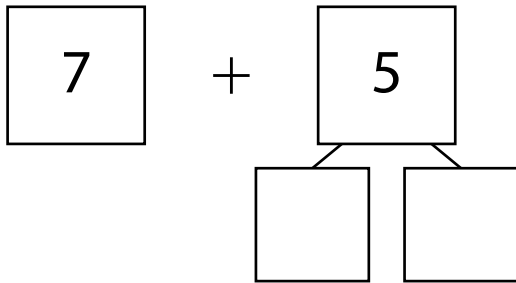


$$10 + 4 = \underline{\quad}$$

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

Name _____

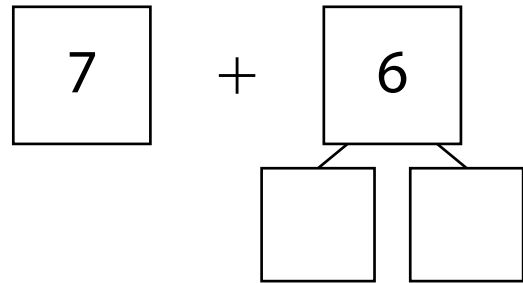
5 Find $7 + 5$.



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

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

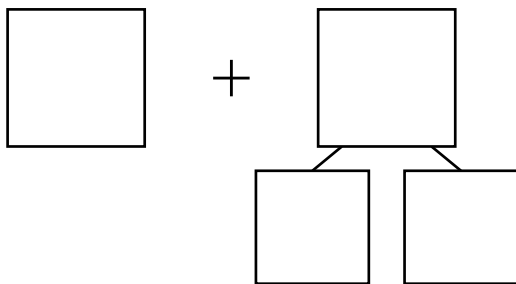
6 Find $7 + 6$.



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

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

7 Find $7 + 4$.



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

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

Discuss It

How does making a ten help you add two numbers?

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?

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

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

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

4 Find $9 - 8$.

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

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

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

5 Find $6 - 5$.

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

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

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

6 Find $9 - 4$.

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

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

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

7 Find $8 - 2$.

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

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

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

Discuss It

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

How is it different?

Making a Ten to Subtract

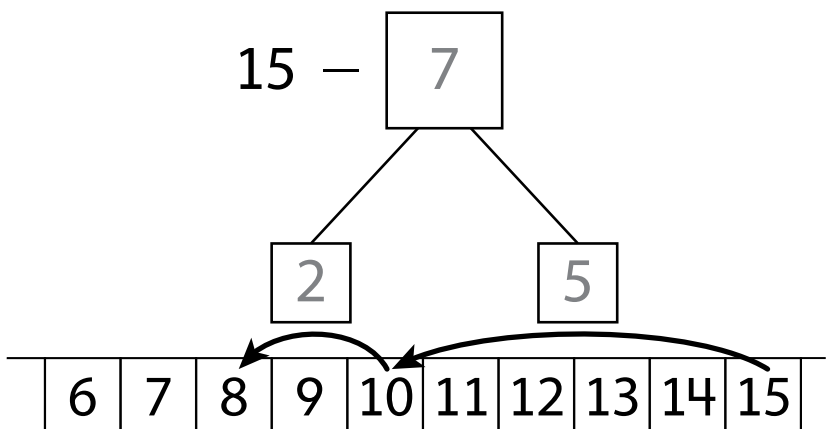
Name _____

1 Find $15 - 7$.

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

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

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

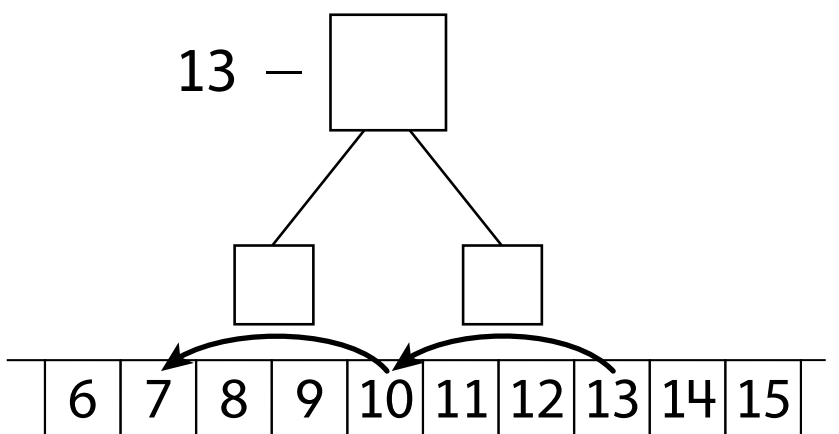


2 Find $13 - 6$.

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

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

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

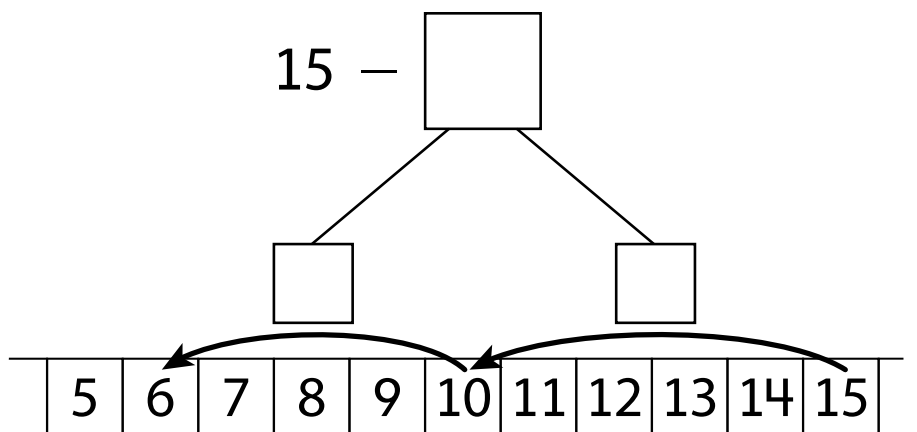


3 Find $15 - 9$.

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

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

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

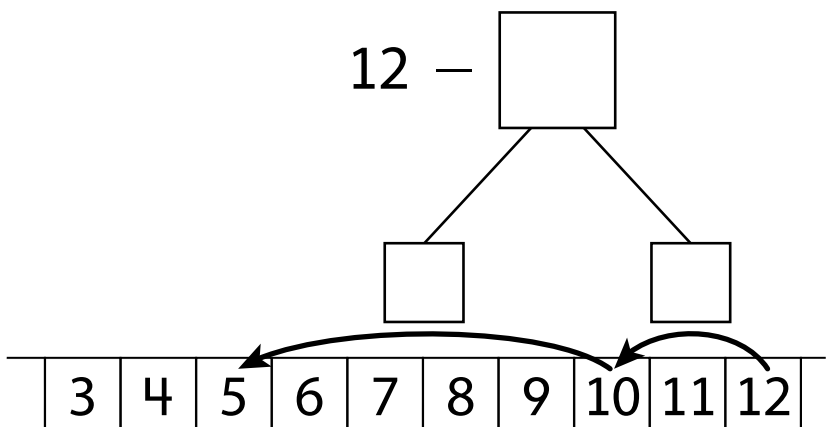


4 Find $12 - 7$.

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

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

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

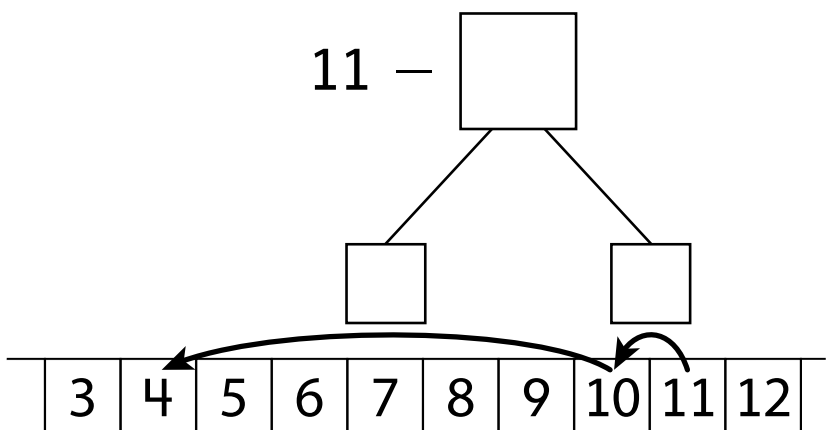


5 Find $11 - 7$.

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

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

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

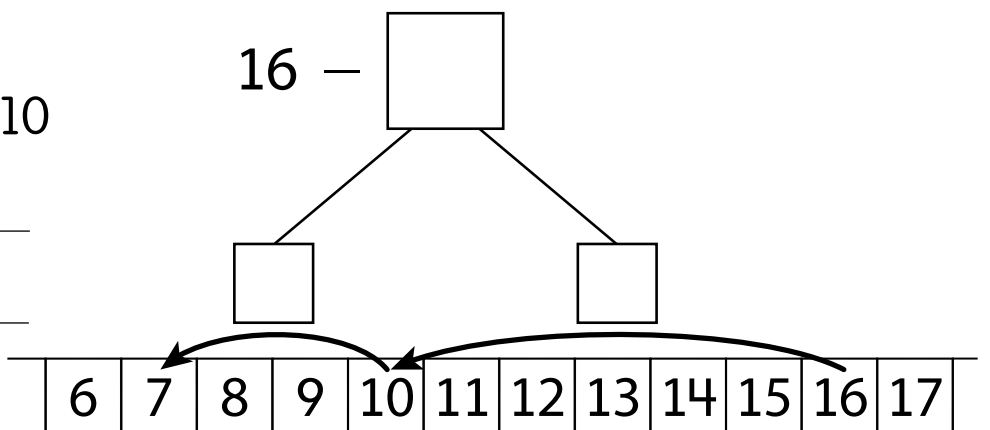


6 Find $16 - 9$.

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

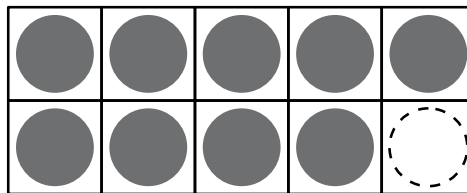
$$10 - 3 = \underline{\quad}$$

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

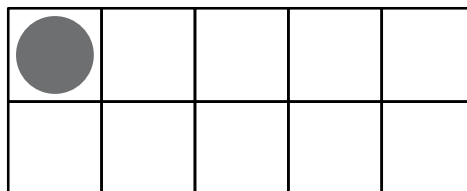


Draw counters to make 10. Then complete the equation.

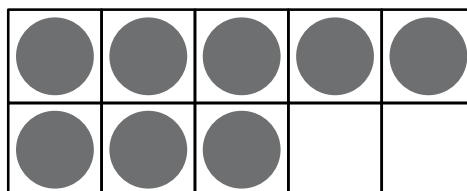
$$10 = 9 + \underline{1}$$



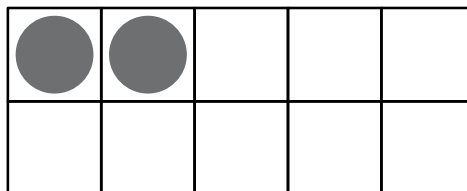
$$10 = 1 + \underline{\hspace{2cm}}$$



$$10 = 8 + \underline{\hspace{2cm}}$$

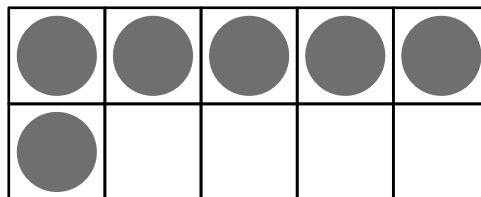


$$10 = 2 + \underline{\hspace{2cm}}$$

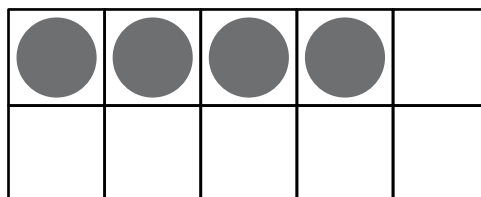


Name _____

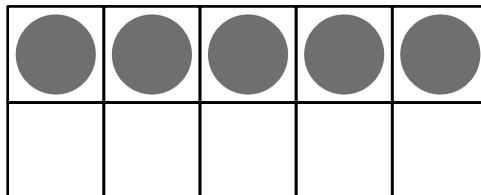
$$10 = 6 + \underline{\hspace{2cm}}$$



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



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



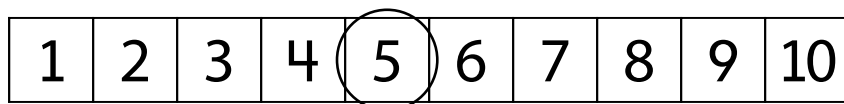
Solve each problem.

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

Some dogs go home.

Now Marai sees 5 dogs.

How many dogs go home?



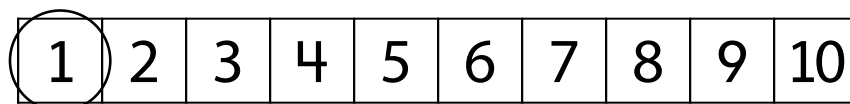
$$5 + \underline{\quad} = 8 \qquad 8 - \underline{\quad} = 5$$

 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.

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

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

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

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

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

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

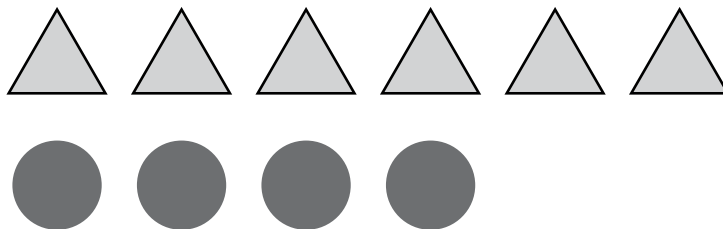
Jake gives games away.

Solve the subtraction problems.

- 1** There are 6 triangles. There are 4 circles.
How many more triangles are there?

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

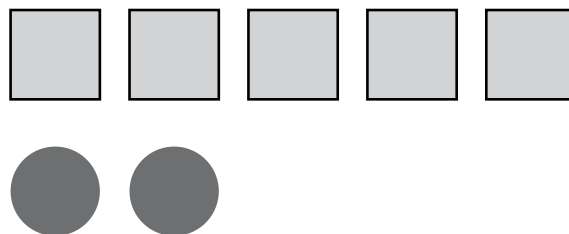
 more triangles



- 2** There are 5 squares. There are 2 circles.
How many more squares are there?

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

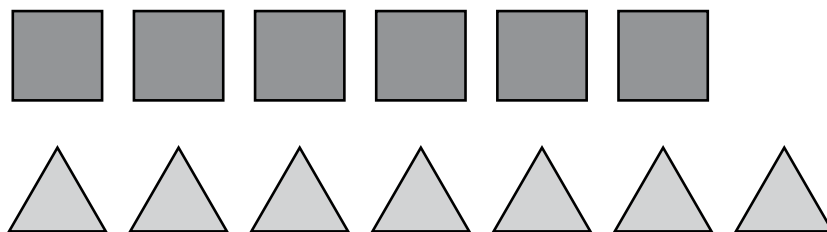
 more squares



- 3** There are 7 triangles. There are 6 squares.
How many more triangles are there?

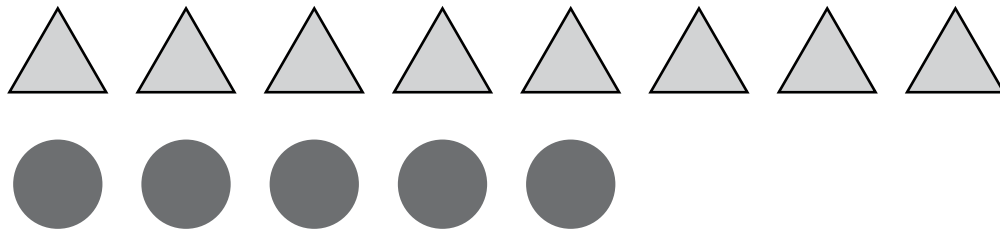
$$7 - 6 = \underline{\quad}$$

 more triangle



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

How many fewer circles than triangles are there?

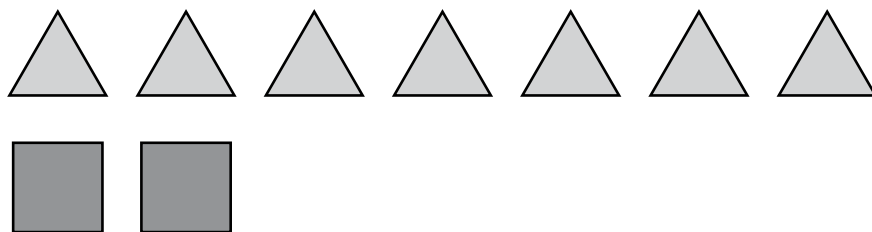


$$8 - 5 = \underline{\quad}$$

 fewer triangles

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

How many fewer squares than triangles are there?



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

 fewer squares

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
---	---	---

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

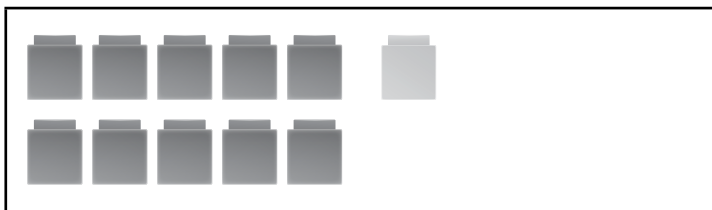
Draw lines to match the numbers.



11



17



15



18



13

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?

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

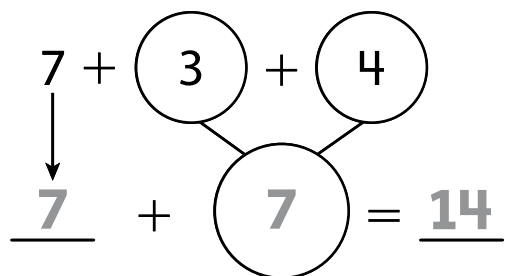
11 $6 + 3 + 4 = \underline{\quad}$

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

Discuss It

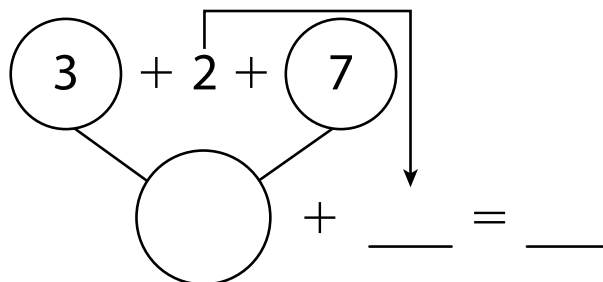
Explain how you solved Problem 11.

1 Find $7 + 3 + 4$.



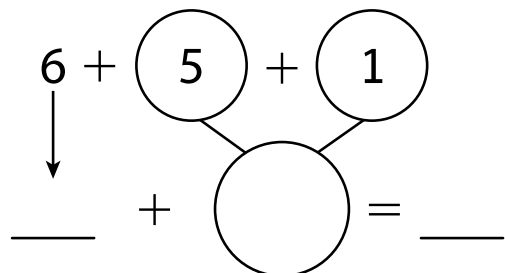
$7 + 3 + 4 = \underline{14}$

2 Find $3 + 2 + 7$.



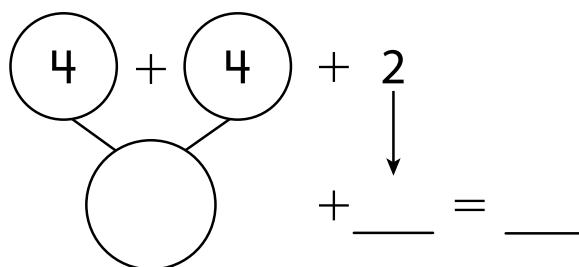
$3 + 2 + 7 = \underline{\hspace{2cm}}$

3 Find $6 + 5 + 1$.



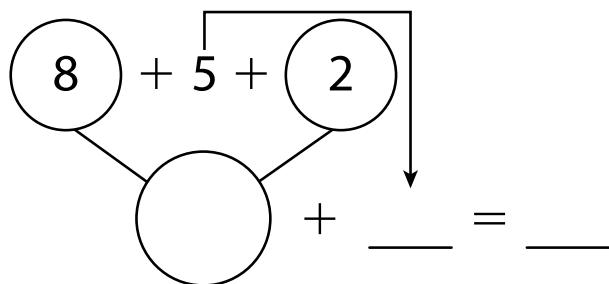
$6 + 5 + 1 = \underline{\hspace{2cm}}$

4 Find $4 + 4 + 2$.



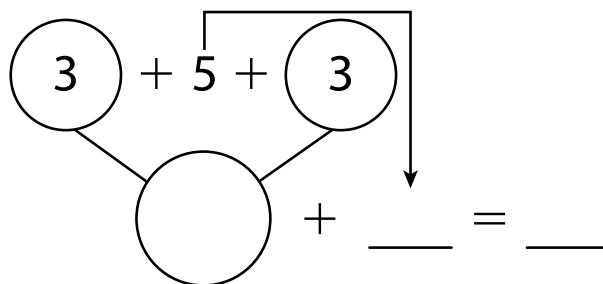
$4 + 4 + 2 = \underline{\hspace{2cm}}$

5 Find $8 + 5 + 2$.



$8 + 5 + 2 = \underline{\hspace{2cm}}$

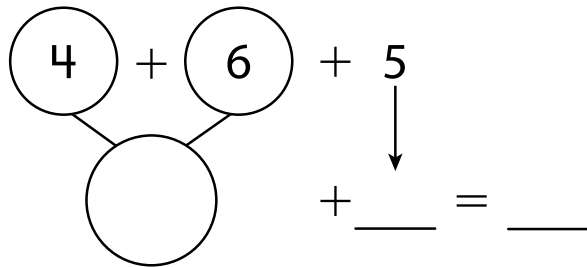
6 Find $3 + 5 + 3$.



$3 + 5 + 3 = \underline{\hspace{2cm}}$

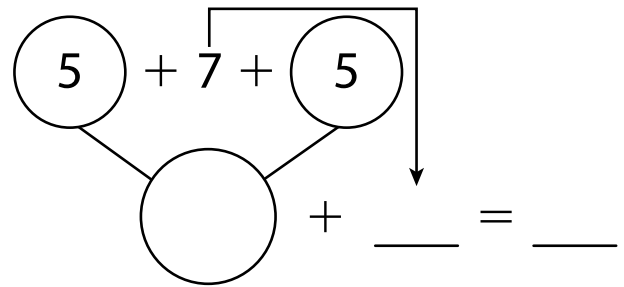
Name _____

7 Find $4 + 6 + 5$.



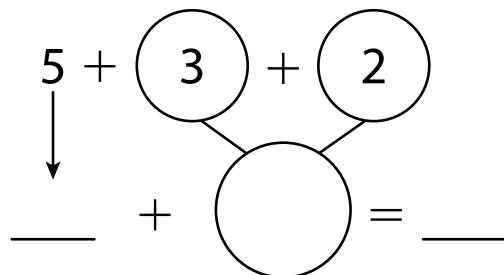
$$4 + 6 + 5 = \underline{\quad}$$

8 Find $5 + 7 + 5$.



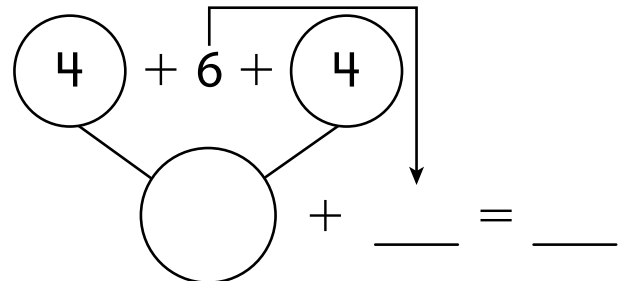
$$5 + 7 + 5 = \underline{\quad}$$

9 Find $5 + 3 + 2$.



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

10 Find $4 + 6 + 4$.

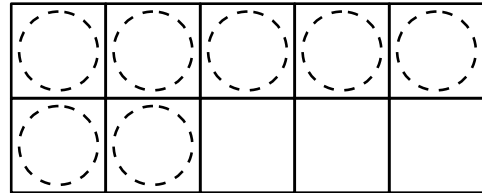
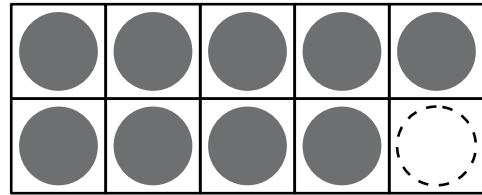


$$4 + 6 + 4 = \underline{\quad}$$

11 When solving $4 + 6 + 4$, Ava adds $4 + 6$ first.
Rico adds $4 + 4$ first. Who is correct? Why?

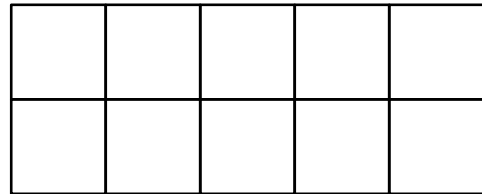
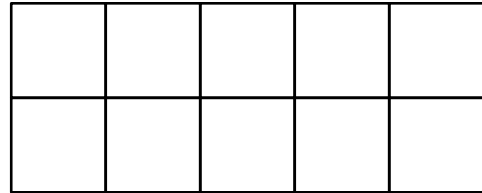
1 Find the missing number.

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



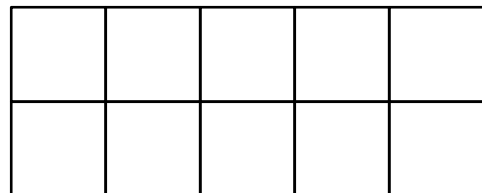
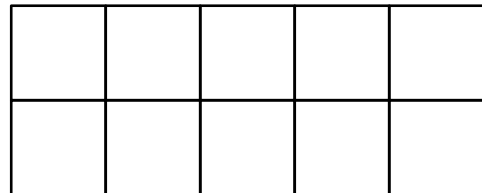
2 Find the missing number.

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



3 Find the missing number.

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



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.

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

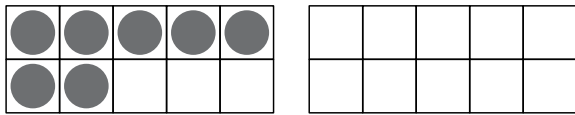
- 10** Find the missing number.

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

Discuss It

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

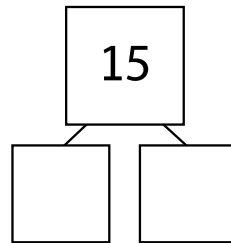
- 1** Amy has some crayons.
She finds 7 more crayons.
Now she has 18 crayons.
How many crayons did she have at the start?



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

_____ 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?

_____ - _____ = _____
_____ pretzels

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

_____ + _____ = _____
_____ minutes

Adding by Counting On and Making a Ten

Name: _____

Add.

1 $8 + 2 =$ _____

2 $8 + 3 =$ _____

3 $6 + 4 =$ _____

4 $6 + 8 =$ _____

5 $7 + 3 =$ _____

6 $7 + 5 =$ _____

7 $9 + 1 =$ _____

8 $9 + 6 =$ _____

9 $5 + 5 =$ _____

10 $5 + 8 =$ _____

11 $9 + 2 =$ _____

12 $2 + 9 =$ _____

13 $8 + 4 =$ _____

14 $4 + 8 =$ _____

15 $6 + 9 =$ _____

16 $6 + 7 =$ _____

17 Which strategy did you use to solve problem 11? Explain.

Using Doubles and Doubles Plus 1

Name: _____

Add.

1 $4 + 4 =$ _____

2 $4 + 5 =$ _____

3 $6 + 6 =$ _____

4 $5 + 6 =$ _____

5 $7 + 7 =$ _____

6 $8 + 7 =$ _____

7 $9 + 9 =$ _____

8 $8 + 9 =$ _____

9 $5 + 5 =$ _____

10 $6 + 5 =$ _____

11 $8 + 8 =$ _____

12 $7 + 8 =$ _____

13 Which strategy did you use to solve problem 12? Explain why.

Complete each set of equations.

1 $12 - 3 = \square$

$3 + \square = 12$

2 $14 - 5 = \square$

$5 + \square = 14$

3 $11 - 3 = \square$

$3 + \square = 11$

4 $15 - 7 = \square$

$7 + \square = 15$

5 $12 - \square = 10$

$12 - 4 = \square$

6 $13 - \square = 10$

$13 - 6 = \square$

7 $16 - \square = 10$

$16 - 9 = \square$

8 $15 - \square = 10$

$15 - 9 = \square$

- 9** In problem 6, how did you use your first answer to find your second answer?

Solve problems 1–6.

- 1** Hailey buys 9 potatoes. 4 potatoes are white. The rest are red. How many red potatoes are there? Show your work.

Solution _____ potatoes are red.

- 2** Levi has 17 pet fish. 7 of the fish are goldfish. The rest are mollies. How many fish are mollies? Show your work.

Solution _____ fish are mollies.

- 3** Ada wants to read 12 books over the summer. 5 books are stories about cats. The rest are stories about horses. How many books are stories about horses? Show your work.

Solution _____ books are stories about horses.

- 4** There are 16 chairs at a table. 7 students sit down. The rest of the chairs are empty. How many chairs are empty? Show your work.

Solution _____ chairs are empty.

- 5** Luis sees 14 dogs at the dog park. 6 of the dogs are small dogs. The rest of the dogs are big dogs. How many dogs are big? Show your work.

Solution _____ dogs are big.

- 6** Sadie has 20 crayons. She finds 8 crayons in her desk. The rest of the crayons are in her crayon box. How many crayons are in Sadie's crayon box? Show your work.

Solution _____ crayons are in the crayon box.

- 7** Which strategy did you use to solve problem 6? Explain why.

Solve problems 1–6. Show your work.

- 1** There are 4 fewer cats than dogs. There are 2 cats. How many dogs are there?

_____ dogs

- 2** Trevor sees 8 red birds. He sees 5 more red birds than blue birds. How many blue birds does Trevor see?

Trevor sees _____ blue birds.

- 3** Anna has 7 baskets and some flowers. She has 5 fewer baskets than flowers. How many flowers does Anna have?

Anna has _____ flowers.

- 4** There are 14 coats and some hats. There are 6 more coats than hats. How many hats are there?

_____ hats

- 5** There are 9 apples. There are 6 fewer apples than oranges. How many oranges are there?

_____ oranges

- 6** Brynne has 13 books. She has 8 more books than games. How many games does Brynne have?

Brynne has _____ games.

Solve problems 1–6. Show your work.

- 1** Jack has 9 flowers to plant. He plants 2 flowers before lunch. Then he plants 3 more after lunch. How many flowers does Jack have left to plant?

Jack has _____ flowers left to plant.

- 2** There are 8 girls at the park. First, 5 girls go home. Then 6 more girls come to the park. How many girls are at the park now?

There are _____ girls at the park.

- 3** Bella paints 6 pictures on Monday and 8 pictures on Wednesday. Then she paints 3 more pictures on Friday. How many pictures does Bella paint this week?

Bella paints _____ pictures this week.

- 4** Ali puts 12 books in a box. She takes 4 books out of the box. Then she puts 6 books in the box. How many books are in the box now?

There are _____ books in the box.

- 5** Lucas has 5 crayons. His sister gives him 6 more. Then he gives 4 to a friend. How many crayons does Lucas have now?

Lucas has _____ crayons.

- 6** Miss Brady puts 15 pencils in her desk. Then she takes out 9 pencils. After school she puts 5 pencils back in her desk. How many pencils are in Miss Brady's desk now?

There are _____ pencils in the desk.

Solve problems 1–6. Show your work.

- 1** Tony has 37 building blocks. Then he buys more blocks. Now he has 51 blocks. How many blocks does Tony buy?

Tony buys _____ blocks.

- 2** There are some chairs in the art room. Mrs. Lopez brings in 16 more chairs. Now there are 42 chairs. How many chairs were in the room at the start?

There were _____ chairs in the room at the start.

- 3** Jen has some buttons. She gets 23 more buttons from her mom. Now she has 65 buttons. How many buttons did Jen have to begin with?

Jen had _____ buttons to begin with.

- 4** Colby packs 31 boxes in one day. He packs 12 boxes in the morning and some boxes after lunch. How many boxes does Colby pack after lunch?

Colby packs _____ boxes after lunch.

- 5** Ayanna reads 26 pages of her book at school. Later she reads more pages at home. Now she has read 54 pages. How many pages does Ayanna read at home?

Ayanna reads _____ pages at home.

- 6** The camp has some tents. Campers set up 42 more tents. Now the camp has 60 tents. How many tents did the camp have to begin with?

The camp had _____ tents to begin with.

Different Ways to Show Addition

Name: _____

Find the sums and missing addends.

1 $30 + 7 + 50 + 3 = \underline{90}$

2 $37 + 53 = \underline{\hspace{2cm}}$

3 $20 + 8 + 40 + 2 = \underline{\hspace{2cm}}$

4 $28 + 42 = \underline{\hspace{2cm}}$

5 $60 + 6 + 10 + 4 = \underline{\hspace{2cm}}$

6 $66 + 14 = \underline{\hspace{2cm}}$

7 $40 + 5 + 40 + 5 = \underline{\hspace{2cm}}$

8 $45 + \underline{\hspace{2cm}} = 90$

9 $30 + 9 + 20 + 1 = \underline{\hspace{2cm}}$

10 $\underline{\hspace{2cm}} + 21 = 60$

11 $20 + 4 + 60 + 6 = \underline{\hspace{2cm}}$

12 $24 + \underline{\hspace{2cm}} = 90$

13 $40 + 3 + 30 + 7 = \underline{\hspace{2cm}}$

14 $\underline{\hspace{2cm}} + 37 = 80$

15 How does the information in problem 9 help you solve problem 10?

Subtracting by Adding Up

Name: _____

Subtract.

1 $50 - 29 = ?$

$$\underline{29 + 20} = \underline{49}$$

$$\underline{49 + 1} = \underline{50}$$

$$\underline{20 + 1} = \underline{21}$$

$$50 - 29 = \underline{21}$$

2 $71 - 45 = ?$

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

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

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

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

$$71 - 45 = \underline{\quad}$$

3 $80 - 41 = ?$

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

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

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

$$80 - 41 = \underline{\quad}$$

4 $63 - 28 = ?$

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

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

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

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

$$63 - 28 = \underline{\quad}$$

5 $43 - 28 = ?$

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

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

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

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

$$43 - 28 = \underline{\quad}$$

6 $95 - 65 = ?$

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

$$95 - 65 = \underline{\quad}$$

7 $65 - 39 = ?$

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ + _____ = _____

$65 - 39 =$ _____

8 $47 - 15 = ?$

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ + _____ = _____

$47 - 15 =$ _____

9 $75 - 28 = ?$

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ + _____ = _____

$75 - 28 =$ _____

10 $54 - 12 = ?$

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ + _____ = _____

$54 - 12 =$ _____

13 How did you decide what to add first? Then how did you get the answer?

Subtracting by Regrouping

Name: _____

Circle all the problems where you can regroup a ten to help subtract. Then solve the circled problems.

1
$$\begin{array}{r} 32 \\ - 16 \\ \hline 16 \end{array}$$

2
$$\begin{array}{r} 48 \\ - 15 \\ \hline \end{array}$$

3
$$\begin{array}{r} 57 \\ - 25 \\ \hline \end{array}$$

4
$$\begin{array}{r} 63 \\ - 39 \\ \hline \end{array}$$

5
$$\begin{array}{r} 76 \\ - 26 \\ \hline \end{array}$$

6
$$\begin{array}{r} 82 \\ - 37 \\ \hline \end{array}$$

7
$$\begin{array}{r} 38 \\ - 28 \\ \hline \end{array}$$

8
$$\begin{array}{r} 53 \\ - 44 \\ \hline \end{array}$$

9
$$\begin{array}{r} 42 \\ - 25 \\ \hline \end{array}$$

10
$$\begin{array}{r} 96 \\ - 40 \\ \hline \end{array}$$

11
$$\begin{array}{r} 92 \\ - 56 \\ \hline \end{array}$$

12
$$\begin{array}{r} 65 \\ - 23 \\ \hline \end{array}$$

13
$$\begin{array}{r} 86 \\ - 19 \\ \hline \end{array}$$

14
$$\begin{array}{r} 59 \\ - 33 \\ \hline \end{array}$$

15
$$\begin{array}{r} 77 \\ - 48 \\ \hline \end{array}$$

16
$$\begin{array}{r} 62 \\ - 27 \\ \hline \end{array}$$

17 How did you know which problems to circle?

18 Check one of your answers by solving it using a different strategy. Show your work.

Strategies to Find a Missing Addend

Name: _____

Solve.

1 $35 + \underline{10} = 45$

$35 + \underline{20} = 55$

$35 + \underline{25} = 60$

2 $24 + \underline{\hspace{2cm}} = 34$

$24 + \underline{\hspace{2cm}} = 64$

$24 + \underline{\hspace{2cm}} = 68$

3 $42 + \underline{\hspace{2cm}} = 52$

$42 + \underline{\hspace{2cm}} = 82$

$42 + \underline{\hspace{2cm}} = 87$

4 $51 + \underline{\hspace{2cm}} = 61$

$51 + \underline{\hspace{2cm}} = 71$

$51 + \underline{\hspace{2cm}} = 76$

5 $26 + \underline{\hspace{2cm}} = 36$

$26 + \underline{\hspace{2cm}} = 66$

$26 + \underline{\hspace{2cm}} = 69$

6 $58 + \underline{\hspace{2cm}} = 60$

$58 + \underline{\hspace{2cm}} = 70$

$58 + \underline{\hspace{2cm}} = 71$

7 $39 + \underline{\hspace{2cm}} = 40$

$39 + \underline{\hspace{2cm}} = 70$

$39 + \underline{\hspace{2cm}} = 75$

8 $27 + \underline{\hspace{2cm}} = 30$

$27 + \underline{\hspace{2cm}} = 60$

$27 + \underline{\hspace{2cm}} = 65$

9 $44 + \underline{\hspace{2cm}} = 54$

$44 + \underline{\hspace{2cm}} = 64$

$44 + \underline{\hspace{2cm}} = 67$

10 $69 + \underline{\hspace{2cm}} = 70$

$69 + \underline{\hspace{2cm}} = 90$

$69 + \underline{\hspace{2cm}} = 93$

Strategies to Find a Missing Addend *continued*

Name: _____

11 $33 + \underline{\hspace{2cm}} = 43$

$33 + \underline{\hspace{2cm}} = 73$

$33 + \underline{\hspace{2cm}} = 76$

12 $48 + \underline{\hspace{2cm}} = 50$

$48 + \underline{\hspace{2cm}} = 80$

$48 + \underline{\hspace{2cm}} = 85$

13 $26 + \underline{\hspace{2cm}} = 70$

$32 + \underline{\hspace{2cm}} = 61$

$49 + \underline{\hspace{2cm}} = 95$

14 $57 + \underline{\hspace{2cm}} = 83$

$34 + \underline{\hspace{2cm}} = 67$

$28 + \underline{\hspace{2cm}} = 53$

15 $62 + \underline{\hspace{2cm}} = 85$

$41 + \underline{\hspace{2cm}} = 96$

$53 + \underline{\hspace{2cm}} = 77$

16 $19 + \underline{\hspace{2cm}} = 75$

$43 + \underline{\hspace{2cm}} = 87$

$68 + \underline{\hspace{2cm}} = 99$

17 Explain how the strategy to solve problem 5 is different from the strategy used to solve problem 6.

18 Explain the strategy you used to solve the first part of problem 14.

Finding the Value of Three-Digit Numbers

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $300 + 50 + 1 =$ _____

2 $2 \text{ hundreds} + 6 \text{ tens} + 7 \text{ ones} =$

3 $400 + 20 + 6 =$ _____

4 $400 + 60 + 2 =$ _____

5 $600 + 40 + 2 =$ _____

6 $5 \text{ hundreds} + 1 \text{ ten} + 3 \text{ ones} =$

7 $3 \text{ hundreds} + 7 \text{ tens} + 5 \text{ ones} =$

8 $500 + 20 + 6 =$ _____

9 $200 + 8 =$ _____

10 $2 \text{ hundreds} + 8 \text{ tens} + 0 \text{ ones} =$

11 $600 + 70 + 1 =$ _____

12 $6 \text{ hundreds} + 0 \text{ tens} + 7 \text{ ones} =$

13 $400 + 70 + 6 =$ _____

14 $2 \text{ hundreds} + 3 \text{ tens} + 3 \text{ ones} =$

15 $3 \text{ hundreds} + 2 \text{ tens} + 3 \text{ ones} =$

16 $3 \text{ hundreds} + 3 \text{ tens} + 2 \text{ ones} =$

Answers:

233

607

476

323

267

671

426

513

526

208

642

462

332

375

280

351

Writing Three-Digit Numbers

Name: _____

Write the number using only digits.

1 one hundred sixty-four

2 six hundred fifty-two

3 three hundred twelve

4 two hundred sixty-one

5 two hundred five

6 five hundred nineteen

Write the number using only digits.

7 $100 + 10 + 6$

8 $500 + 4$

9 $300 + 40 + 5$

10 $300 + 50 + 4$

11 $400 + 60$

12 $500 + 40$

**Write the number as a sum of hundreds, tens, and ones.
Then write the number using words.**

13 522 _____ + _____ + _____

14 435 _____ + _____ + _____

15 218 _____ + _____ + _____

16 310 _____ + _____

17 Explain how problem 8 is the same and different from problem 12.

Compare the numbers in each problem two different ways.

- 1** Compare 250 and 200.

_____ < _____ and
_____ > _____

- 2** Compare 170 and 180.

_____ < _____ and
_____ > _____

- 3** Compare 346 and 325.

_____ < _____ and
_____ > _____

- 4** Compare 235 and 261.

_____ < _____ and
_____ > _____

- 5** Compare 424 and 453.

_____ < _____ and
_____ > _____

- 6** Compare 833 and 824.

_____ < _____ and
_____ > _____

- 7** Compare 637 and 682.

_____ < _____ and
_____ > _____

- 8** Compare 362 and 326.

_____ < _____ and
_____ > _____

- 9** Compare 531 and 513.

_____ < _____ and
_____ > _____

- 10** Compare 714 and 741.

_____ < _____ and
_____ > _____

- 11** Compare 468 and 486.

_____ < _____ and
_____ > _____

- 12** Compare 967 and 959.

_____ < _____ and
_____ > _____

- 13** What strategies did you use to compare the numbers?

**The answers are mixed up at the bottom of the page.
Cross out the answers as you complete the problems.**

1 635
 + 321

2 439
 + 154

3 336
 + 123

4 825
 + 166

5 512
 + 336

6 246
 + 348

7 772
 + 109

8 347
 + 314

9 483
 + 208

10 225
 + 224

11 548
 + 406

12 475
 + 515

13 273
 + 211

14 728
 + 253

15 627
 + 263

Answers:

449

594

881

956

691

484

661

890

991

593

954

848

990

459

981

Look at the hundreds digits in each problem. Circle those that will have a sum greater than 500. Then find the exact sums of only the problems you circled.

1
$$\begin{array}{r} 435 \\ + 283 \\ \hline 718 \end{array}$$

2
$$\begin{array}{r} 205 \\ + 113 \\ \hline \end{array}$$

3
$$\begin{array}{r} 586 \\ + 130 \\ \hline \end{array}$$

4
$$\begin{array}{r} 378 \\ + 343 \\ \hline \end{array}$$

5
$$\begin{array}{r} 186 \\ + 175 \\ \hline \end{array}$$

6
$$\begin{array}{r} 476 \\ + 234 \\ \hline \end{array}$$

7
$$\begin{array}{r} 152 \\ + 169 \\ \hline \end{array}$$

8
$$\begin{array}{r} 214 \\ + 225 \\ \hline \end{array}$$

9
$$\begin{array}{r} 362 \\ + 556 \\ \hline \end{array}$$

10
$$\begin{array}{r} 481 \\ + 262 \\ \hline \end{array}$$

11
$$\begin{array}{r} 145 \\ + 239 \\ \hline \end{array}$$

12
$$\begin{array}{r} 347 \\ + 133 \\ \hline \end{array}$$

13
$$\begin{array}{r} 286 \\ + 644 \\ \hline \end{array}$$

14
$$\begin{array}{r} 267 \\ + 174 \\ \hline \end{array}$$

15
$$\begin{array}{r} 383 \\ + 319 \\ \hline \end{array}$$

16 How do you know that $361 + 283$ is greater than 500 without finding the sum?

Circle all the problems where you must regroup a ten to subtract the ones. Then find the differences of only the problems you circled.

1
$$\begin{array}{r} 875 \\ - 646 \\ \hline 229 \end{array}$$

2
$$\begin{array}{r} 478 \\ - 226 \\ \hline \end{array}$$

3
$$\begin{array}{r} 692 \\ - 437 \\ \hline \end{array}$$

4
$$\begin{array}{r} 345 \\ - 224 \\ \hline \end{array}$$

5
$$\begin{array}{r} 761 \\ - 338 \\ \hline \end{array}$$

6
$$\begin{array}{r} 514 \\ - 402 \\ \hline \end{array}$$

7
$$\begin{array}{r} 953 \\ - 821 \\ \hline \end{array}$$

8
$$\begin{array}{r} 474 \\ - 156 \\ \hline \end{array}$$

9
$$\begin{array}{r} 320 \\ - 210 \\ \hline \end{array}$$

10
$$\begin{array}{r} 663 \\ - 425 \\ \hline \end{array}$$

11
$$\begin{array}{r} 619 \\ - 308 \\ \hline \end{array}$$

12
$$\begin{array}{r} 847 \\ - 628 \\ \hline \end{array}$$

13
$$\begin{array}{r} 736 \\ - 517 \\ \hline \end{array}$$

14
$$\begin{array}{r} 563 \\ - 249 \\ \hline \end{array}$$

15
$$\begin{array}{r} 375 \\ - 163 \\ \hline \end{array}$$

16 How can you tell by looking at the problem if you need to regroup a ten to subtract the ones?