

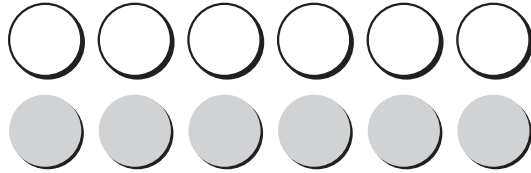
Name _____

Use Doubles Facts

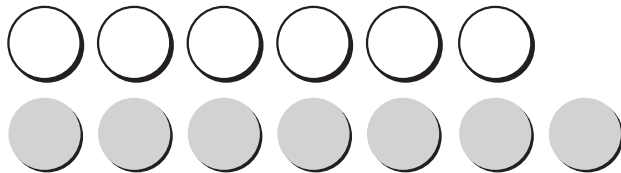
Use doubles facts to help you find sums.

If you know $6 + 6$,
you can find $6 + 7$.

$$\underline{6} + \underline{6} = \underline{12}$$



7 is 1 more than 6.
So $6 + 7$ is 1 more than $6 + 6$.



$$\underline{6} + \underline{7} = \underline{13}$$

Write a doubles fact you can use
to find the sum. Write the sum.

1. $4 + 5 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$

2. $5 + 6 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$

3. $7 + 8 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$

4. $8 + 9 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$

Name _____

Practice Addition Facts

Use what you know to find sums.

Add in any order.



$$3 + 5 = \underline{8}$$

If you know $3 + 5$,
then you know $5 + 3$.



$$5 + 3 = \underline{8}$$

Count on to add. To add 1, 2, or 3 to any
number, count on from that number.



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

Write the sums.

1. $5 + 7 = \underline{\quad}$
 $7 + 5 = \underline{\quad}$

2. $\underline{\quad} = 5 + 1$
 $\underline{\quad} = 5 + 2$

3. $6 + 2 = \underline{\quad}$
 $6 + 3 = \underline{\quad}$

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

5. $7 + 3 = \underline{\quad}$
 $3 + 7 = \underline{\quad}$

6. $5 + 2 = \underline{\quad}$
 $5 + 3 = \underline{\quad}$

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

8. $4 + 1 = \underline{\quad}$
 $1 + 4 = \underline{\quad}$

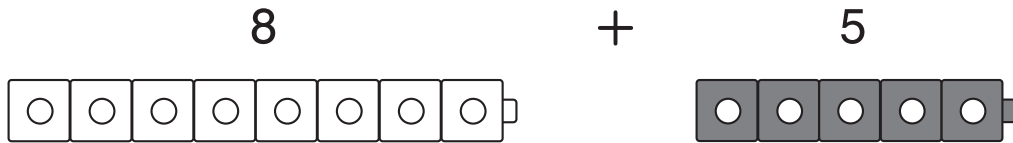
9. $8 + 2 = \underline{\quad}$
 $8 + 3 = \underline{\quad}$

Name _____

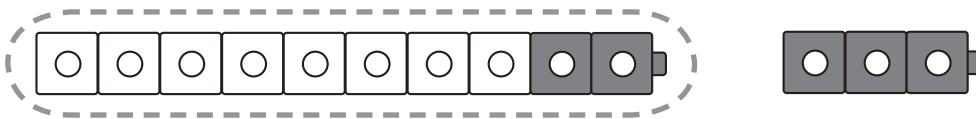
Algebra • Make a Ten to Add

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

Step 1 Start with the greater addend.
Break apart the other addend to make a ten.



Step 2 You need to add 2 to 8 to make a ten. So, break apart 5 as 2 and 3.



$$8 + 2 = 10$$


3

Step 3 Add on the rest to the 10. $10 + \underline{3} = \underline{13}$

Step 4 Write the sum. $8 + 5 = \underline{13}$


Show how you can make a ten to find the sum. Write the sum.

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




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

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




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

3. $4 + 8 = \underline{\quad}$



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

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



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

5. $8 + 6 = \underline{\quad}$



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

6. $4 + 9 = \underline{\quad}$

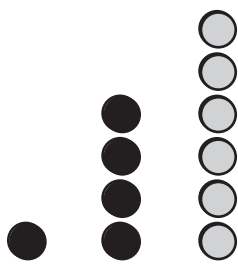
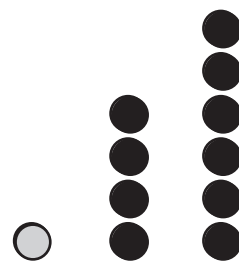
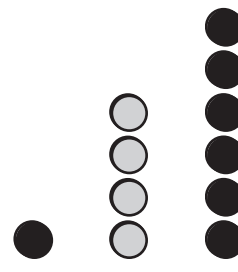


$10 + \underline{\quad} = \underline{\quad}$

Name _____

Algebra • Add 3 Addends

Add numbers in any order.
The sum stays the same.

 $1 + 4 + 6 = \text{ }$ $\swarrow \quad \searrow$ $5 + 6 = \text{ }$	 $1 + 4 + 6 = \text{ }$ $\swarrow \quad \searrow$ $1 + 10 = \text{ }$	 $1 + 4 + 6 = \text{ }$ $\swarrow \quad \searrow$ $7 + 4 = \text{ }$
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Solve two ways. Circle the two addends you add first.

1. $2 + 3 + 2 = \underline{\quad}$

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

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

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

3. $1 + 1 + 9 = \underline{\quad}$

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

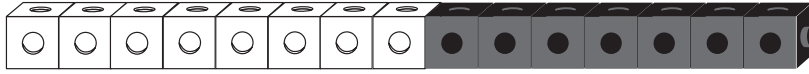
4. $6 + 4 + 4 = \underline{\quad}$

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

Name _____

Algebra • Relate Addition and Subtraction

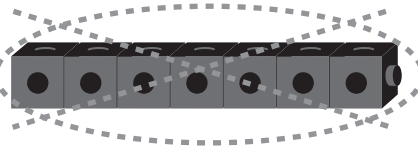
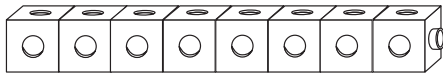
Use addition facts to help you subtract.



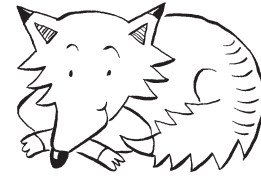
$$8 + 7 = 15$$

Think of $8 + 7 = 15$
to find the difference for
a related fact:

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



$$15 - 7 = \underline{8}$$



Write the sum and the difference
for the related facts.

1. $6 + 3 = \underline{\quad}$

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

2. $7 + 6 = \underline{\quad}$

$13 - 7 = \underline{\quad}$

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

$14 - 8 = \underline{\quad}$

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

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

5. $8 + 4 = \underline{\quad}$

$12 - 4 = \underline{\quad}$

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

$16 - 8 = \underline{\quad}$

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

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

8. $7 + 5 = \underline{\quad}$

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

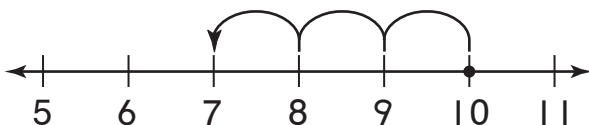
Name _____

Practice Subtraction Facts

Here are two ways to find differences.

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

Count back 1, 2, or 3.



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

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

$$10 - 3 = \underline{7}$$

Think of a related addition fact.



$$3 + 7 = \underline{10}$$

so, $10 - 3 = \underline{7}$

Write the difference.

1. $13 - 5 = \underline{\quad}$

2. $10 - 4 = \underline{\quad}$

3. $12 - 3 = \underline{\quad}$

4. $11 - 2 = \underline{\quad}$

5. $9 - 3 = \underline{\quad}$

6. $12 - 5 = \underline{\quad}$

7. $16 - 8 = \underline{\quad}$

8. $13 - 7 = \underline{\quad}$

Name _____

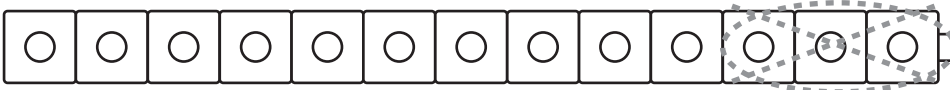
Use Ten to Subtract

You can get to ten to help find differences.

$$13 - 7 = \underline{\quad?}$$

Step 1 Start with the first number.

Step 2 Subtract ones to get to 10.



$$13 - 3 = 10$$

Step 3 Subtract the rest from the 10.

Think: I had 7. I subtracted 3 to get to 10.

Now I subtract the 4 I have left.

$$10 - \underline{4} = \underline{6}$$

Step 4 Write the difference.

$$13 - 7 = \underline{6}$$

Show the tens fact you used. Write the difference.

1. $15 - 8 = \underline{\quad}$



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

2. $12 - 4 = \underline{\quad}$



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

3. $11 - 7 = \underline{\quad}$

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

4. $13 - 5 = \underline{\quad}$

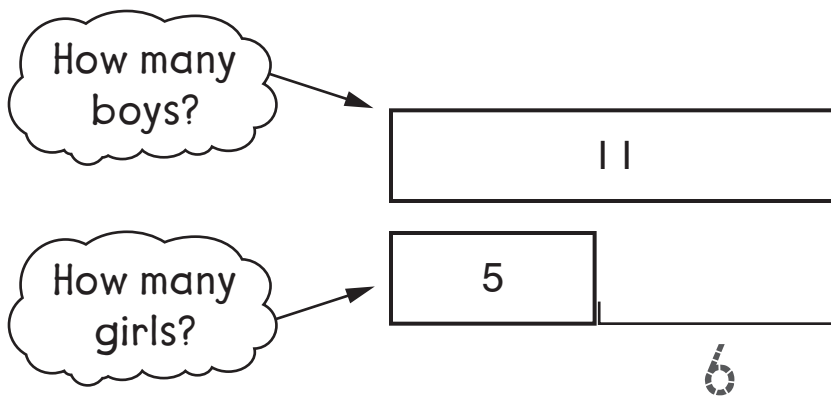
$$10 - \underline{\quad} = \underline{\quad}$$

Name _____

Algebra • Use Drawings to Represent Problems

You can use bar models to show problems.

There are 5 girls and 11 boys at the park.
How many more boys than girls are at the park?

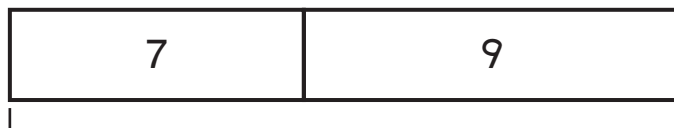


Write a number sentence. $11 - 5 = 6$

There are 6 more boys than girls.

Complete the bar model. Then write a number sentence to solve.

1. Nathan had 7 stamps. Then he got 9 more stamps.
How many stamps does Nathan have now?

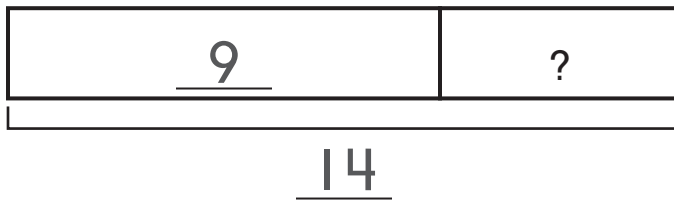


_____ + _____ = _____ stamps

Name _____

Algebra • Use Equations to Represent Problems

Some red fish and 9 green fish are in a tank.
The tank has 14 fish. How many red fish are there?



Write a number sentence.

Use a ■ for the missing number.

$$14 - 9 = \blacksquare$$

5 red fish in the tank.

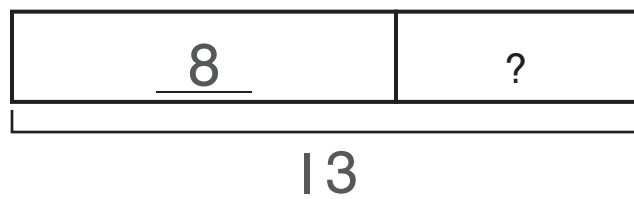
Write a number sentence for the problem.

Use a ■ for the missing number. Then solve.

- There are 13 trees in a park.
8 are pine trees. The rest are
oak trees. How many oak trees
are there?

So there are _____

_____ oak trees

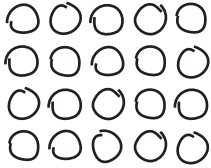


Name _____

Problem Solving • Equal Groups

Clarence puts grapes in 4 rows.
He puts 5 grapes in each row.
How many grapes does Clarence have?

Unlock the Problem

<p>What do I need to find?</p> <p><u>how many grapes</u></p> <p>Clarence has _____</p>	<p>What information do I need to use?</p> <p>Clarence has <u>4</u> rows of grapes. He puts <u>5</u> grapes in each row.</p>
<p>Show how to solve the problem.</p> <div style="text-align: center;">  </div> <p style="text-align: right;">Clarence has <u>20</u> grapes.</p>	

Draw to show what you did.

- Rachel puts her markers in 3 rows.
Each row has 3 markers.
How many markers does Rachel have?

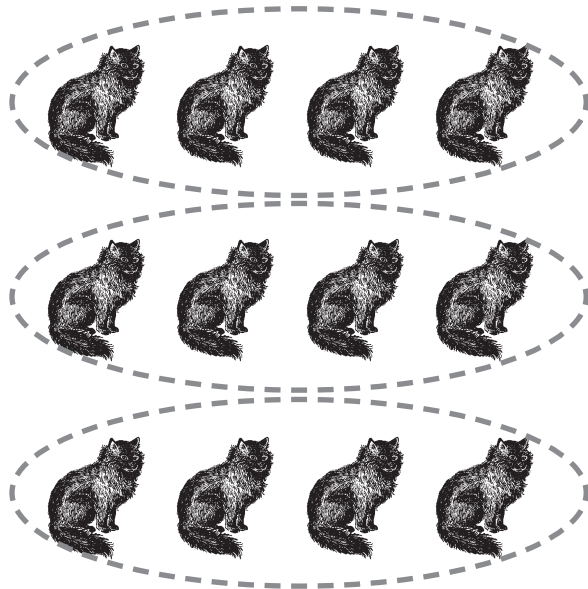
Rachel has _____ markers.

Name _____

Algebra • Repeated Addition

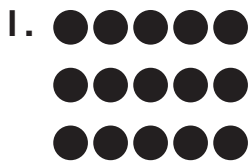
Find the total number of cats.

- Circle each row.
- Count how many rows.
 3 equal rows
- Count how many in one row.
 4 cats in one row
- Write an addition sentence.
Add the number of cats in each row.

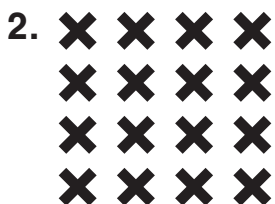


$$\underline{4} + \underline{4} + \underline{4} = \underline{12}$$

Find the number of shapes in each row.
Complete the addition sentence to find the total.



3 rows of _____
_____ + _____ + _____ = _____



4 rows of _____
_____ + _____ + _____ + _____ = _____