



practice book




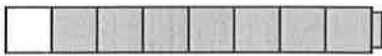


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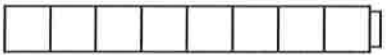
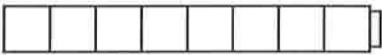
DATE \_\_\_\_\_

# Fact Families 8's

1 Write an equation to match each cube train.

<p><b>example</b> <math>3 + 5 = 8</math></p> 	<p><b>a</b> _____</p> 
<p><b>b</b> _____</p> 	<p><b>c</b> _____</p> 

2 Color in the cube train to match the equation.

<p><b>example</b> <math>5 + 3 = 8</math></p> 	<p><b>a</b> <math>3 + 3 + 2 = 8</math></p> 
<p><b>b</b> <math>2 + 6 = 8</math></p> 	<p><b>c</b> <math>2 + 2 + 4 = 8</math></p> 

3 Subtract:

$8 - 0 = \underline{\quad}$

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

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

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

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

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

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

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

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

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

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

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

4 Fill in the missing numbers.

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

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

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

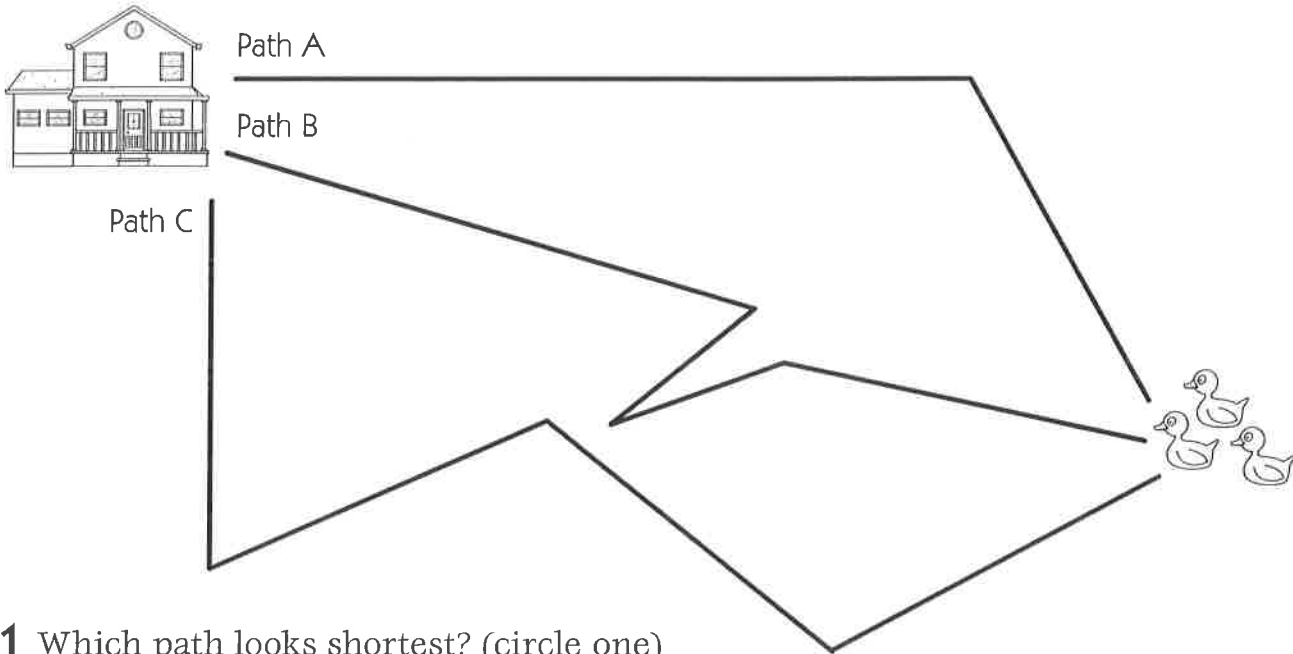
$8 = 2 + \underline{\quad}$

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## Inchworm's Paths

Little Inchworm wants to get from the house to the duck pond. She can use Path A, B, or C.



1 Which path looks shortest? (circle one)

Path A

Path B

Path C

2 Use the inch side of your ruler. Measure each path to find out which one is shortest.

a Path A is \_\_\_\_\_ inches long.

b Path B is \_\_\_\_\_ inches long.

c Path C is \_\_\_\_\_ inches long.

3 Which path is shortest? \_\_\_\_\_

4 Which path is longest? \_\_\_\_\_



### CHALLENGE

5 Use a red pencil or marker. Draw the *shortest* path from the house to the duck pond. Measure your new path with the inch side of your ruler.

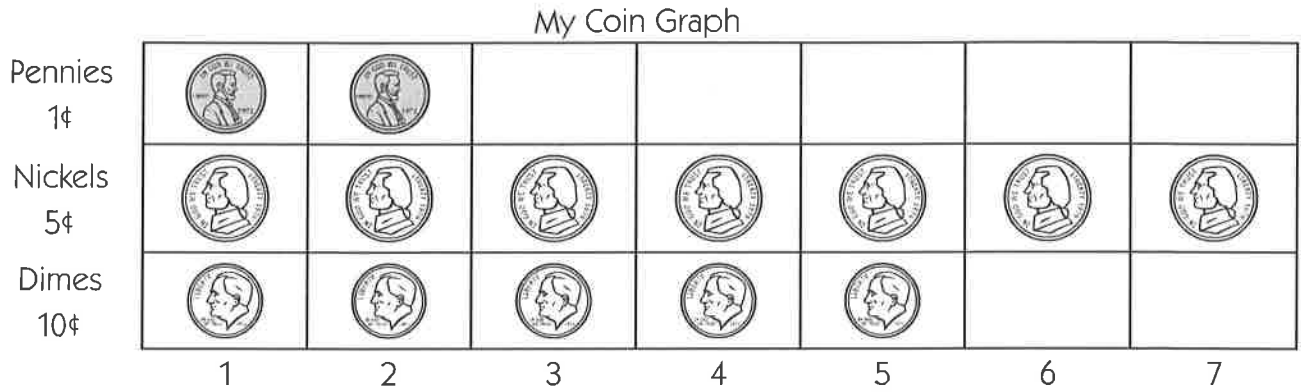
About how long is your new path? \_\_\_\_\_ inches

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# Ella's Piggy Bank

Ella took all the coins out of her piggy bank. She made a graph about them.



1 Does Ella have more dimes or more pennies? \_\_\_\_\_

2 Which coin does Ella have the most of? \_\_\_\_\_

3 How many fewer dimes are there than nickels? \_\_\_\_\_

4 How much money does Ella have in her bank? \_\_\_\_\_



## CHALLENGE

5 Ella wants to buy a binder for \$1.00. How much more money does she need? Show your work.

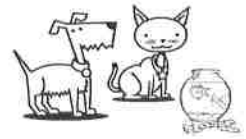
NAME \_\_\_\_\_

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## Pets & Coins

1 Mark has 3 dogs, 5 cats, and 8 fish. How many pets does he have in all? Show your work.

Mark has \_\_\_\_\_ pets in all.



### CHALLENGE

2 Here are 2 clues.

- Carly has 2 more nickels than dimes in her pocket.
- She has 40 cents.



How many nickels does Carly have? How many dimes does Carly have? Show your work.

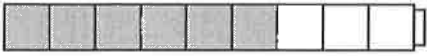
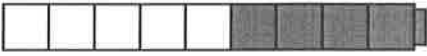
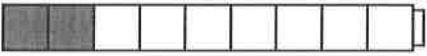
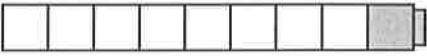
Carly has \_\_\_\_\_ nickels. Carly has \_\_\_\_\_ dimes.

NAME \_\_\_\_\_


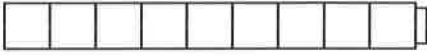
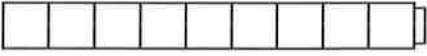
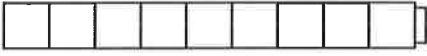
DATE \_\_\_\_\_

# Fact Families 9's

1 Write an equation to match each cube train.

<p><b>example</b> <math>6 + 3 = 9</math></p> 	<p><b>a</b> _____</p> 
<p><b>b</b> _____</p> 	<p><b>c</b> _____</p> 

2 Color in the cube train to match the equation.

<p><b>example</b> <math>3 + 6 = 9</math></p> 	<p><b>a</b> <math>3 + 3 + 3 = 9</math></p> 
<p><b>b</b> <math>7 + 2 = 9</math></p> 	<p><b>c</b> <math>4 + 5 = 9</math></p> 

3 Subtract:

$9 - 0 = \underline{\quad}$

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

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

$9 - 2 = \underline{\quad}$

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

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

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

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

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

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

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

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

4 Fill in the missing numbers.

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

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

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

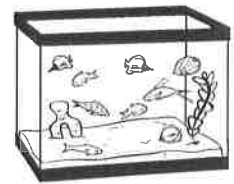
$9 = 8 + \underline{\quad}$

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## Fish Problems

1 There are 12 fish in the tank. 5 of the fish are blue. The rest of the fish are red. How many of the fish in the tank are red? Show your work.



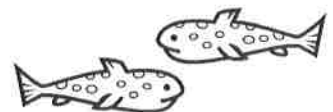
\_\_\_\_\_ of the fish in the tank are red.



### CHALLENGE

2 Jacob has 12 fish. Some of the fish are yellow. Some of the fish are red. There are no other colors. There are twice as many yellow fish as red fish. How many yellow fish does Jacob have? How many red fish does Jacob have? Show your work.

Jacob has \_\_\_\_\_ yellow fish. Jacob has \_\_\_\_\_ red fish.

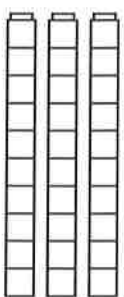
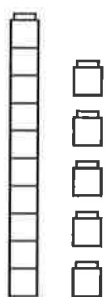
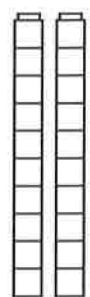
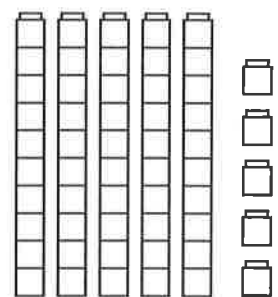
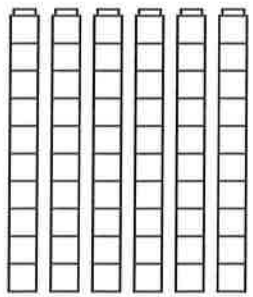
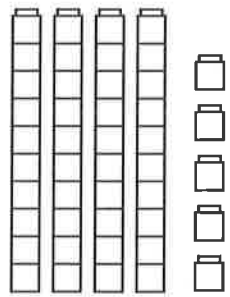
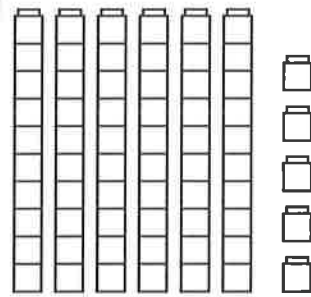
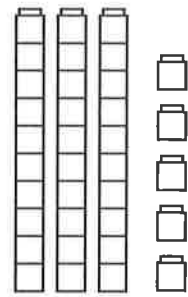


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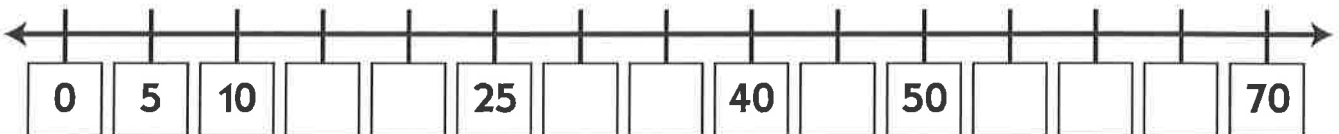
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# Cubes on a Line

1 Write the number to show how many cubes there are in each box below.

<b>ex</b> 	<b>a</b> 	<b>b</b> 	<b>c</b> 
Tens      Ones	Tens      Ones	Tens      Ones	Tens      Ones
3              0			
<b>d</b> 	<b>e</b> 	<b>f</b> 	<b>g</b> 
Tens      Ones	Tens      Ones	Tens      Ones	Tens      Ones

2 Fill in the missing numbers on the number line below.



3 Add:

$$\begin{array}{r} 20 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 5 \\ \hline \end{array}$$



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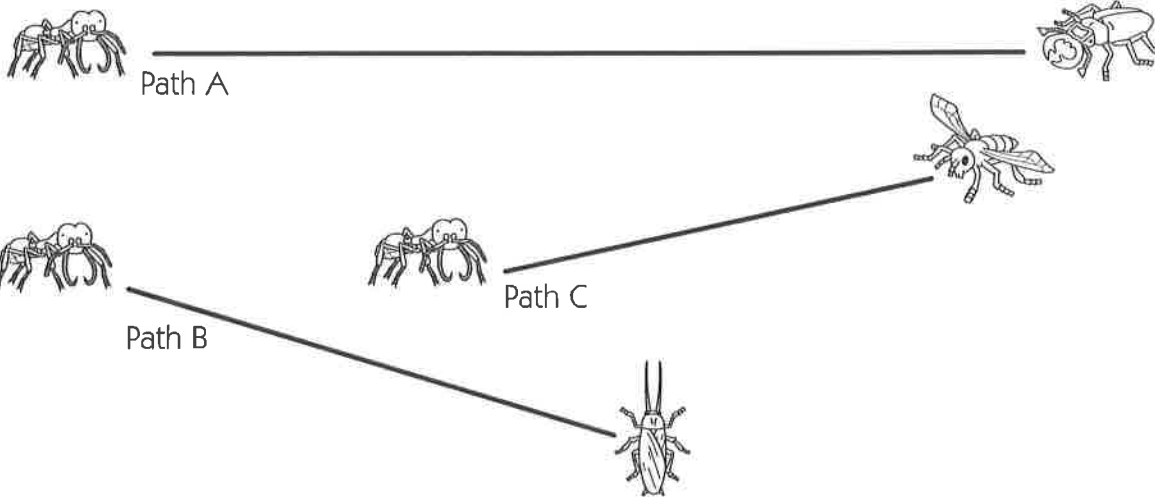
# Ant Paths

**1** How many centimeters does the army ant have to go to get to each bug? Use the centimeter side of your ruler to find out.

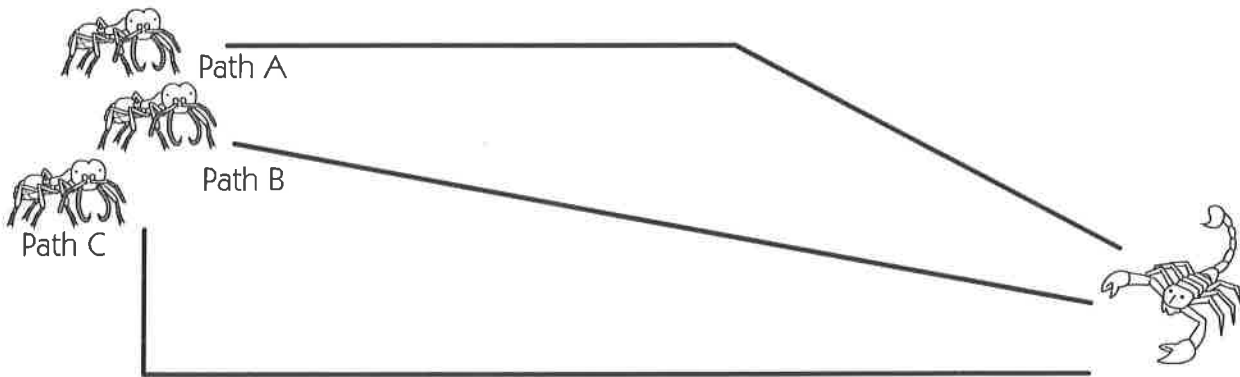
**a** On Path A the army ant has to travel \_\_\_\_\_ centimeters.

**b** On Path B the army ant has to travel \_\_\_\_\_ centimeters.

**c** On Path C the army ant has to travel \_\_\_\_\_ centimeters.



**2** The army ants want to get the scorpion. They can use Path A, B, or C.



**a** Use the centimeter side of your ruler to measure each path.

Path A is \_\_\_\_\_ centimeters long.

Path B is \_\_\_\_\_ centimeters long.

Path C is \_\_\_\_\_ centimeters long.


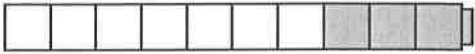


**b** If you were an army ant, which path would you use? Path \_\_\_\_\_ Why?

NAME \_\_\_\_\_


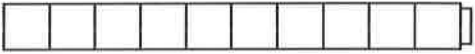


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# Fact Families 10's

1 Write an equation to match each cube train.

<p><b>example</b> <math>5 + 5 = 10</math></p> 	<p><b>a</b> _____</p> 
<p><b>b</b> _____</p> 	<p><b>c</b> _____</p> 

2 Color in the cube train to match the equation.

<p><b>example</b> <math>6 + 4 = 10</math></p> 	<p><b>a</b> <math>8 + 2 = 10</math></p> 
<p><b>b</b> <math>3 + 7 = 10</math></p> 	<p><b>c</b> <math>1 + 2 + 3 + 4 = 10</math></p> 

3 Subtract:

$10 - 0 = \underline{\quad}$	$10 - 3 = \underline{\quad}$	$10 - 9 = \underline{\quad}$	$10 - 2 = \underline{\quad}$
$10 - 4 = \underline{\quad}$	$10 - 1 = \underline{\quad}$	$10 - 5 = \underline{\quad}$	$10 - 8 = \underline{\quad}$
$9 - 4 = \underline{\quad}$	$10 - 6 = \underline{\quad}$	$10 - 7 = \underline{\quad}$	$10 - 10 = \underline{\quad}$

4 Fill in the missing numbers.

$5 + \underline{\quad} = 10$	$\underline{\quad} + 7 = 10$	$10 = 6 + \underline{\quad}$	$10 = 1 + \underline{\quad}$
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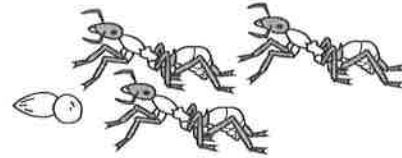
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## Ant Story Problems

A story problem gives you some facts and asks a question. For each problem

- underline the facts.
- put a box around the question.
- solve the problem and show your work.
- write the answer on the line.



**example** There were 10 army ants. 3 went out to get some food. How many ants were left?

$$10 - 3 = 7$$

There were   7   ants left.

**1** 6 ants are working hard. Some more come to help. Now there are 13 ants. How many ants came to help?

         ants came to help.

**2** There are 7 ants at the top of the tunnel. There are 4 ants in the middle chamber. There are 5 ants in the lower chamber. How many ants in all?

There are          ants in all.

**3** There are 6 ants. Each ant has 3 seeds. How many seeds in all?

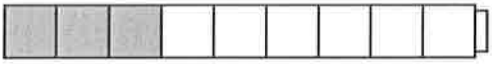
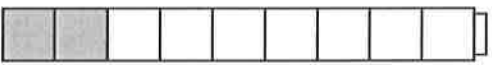



There are          seeds in all.

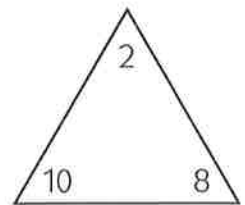
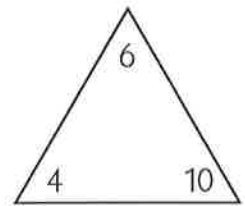
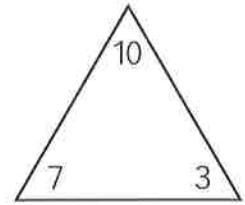
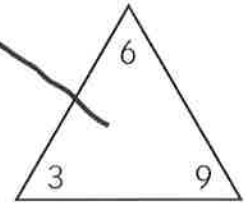
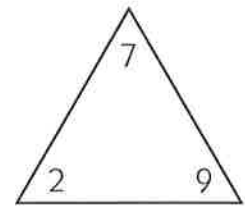
NAME \_\_\_\_\_

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# Triangle Fact Families

Draw a line to match each Unifix cube train to its fact family triangle. Then write 2 addition and 2 subtraction sentences to match.

<b>example</b>	 $3 + 6 = 9$ $9 - 6 = 3$ $6 + 3 = 9$ $9 - 3 = 6$
<b>1</b>	
<b>2</b>	
<b>3</b>	
<b>4</b>	



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## T-Shirts & Turtles

1 Lin got a t-shirt for 7 dollars and a teddy bear for 4 dollars. He gave the clerk a 20-dollar bill. How much money did he get back? Show your work.



Lin got \_\_\_\_\_ dollars back.



### CHALLENGE

2 Two 8-legged spiders landed on a 4-legged turtle. Then three 2-legged birds landed on the turtle. How many legs in all (counting the turtle)? Show your work.

There were \_\_\_\_\_ legs in all.



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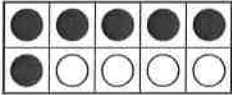
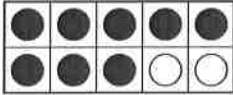
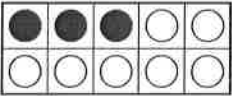
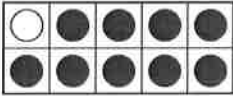
DATE \_\_\_\_\_

# All about Tens

1 Circle the two numbers in each box that add up to 10.

<b>example</b> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">9</div> <div style="text-align: center;">3</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;">5</div> <div style="text-align: center;">1</div> </div>	<b>a</b> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">5</div> <div style="text-align: center;">4</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;">6</div> <div style="text-align: center;">2</div> </div>	<b>b</b> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">7</div> <div style="text-align: center;">2</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;">3</div> <div style="text-align: center;">0</div> </div>	<b>c</b> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">2</div> <div style="text-align: center;">8</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;">5</div> <div style="text-align: center;">3</div> </div>
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2 Write 2 addition and 2 subtraction sentences to match each ten-frame.

<b>example</b>  $6 + 4 = 10$ $10 - 4 = 6$ $4 + 6 = 10$ $10 - 6 = 4$	<b>a</b> 
<b>b</b> 	<b>c</b> 

3 Subtract:

$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$
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4 Fill in the missing numbers.

$3 + \underline{\quad} = 10$      $\underline{\quad} + 5 = 10$      $4 + 6 = \underline{\quad}$      $9 + \underline{\quad} = 10$   
 $10 = 7 + \underline{\quad}$      $10 = 8 + \underline{\quad}$      $6 + \underline{\quad} = 10$      $1 + 4 + 5 = \underline{\quad}$

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## Dollars & Quarters

1 Jana has 7 dollars. How many more dollars does she need to have 14 dollars altogether? Show your work.



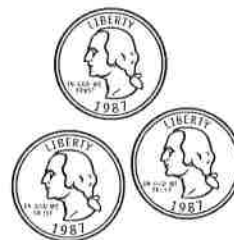
Jana needs \_\_\_\_\_ more dollars.



### CHALLENGE

2 Timmy has 7 dollars. How many more quarters does he need to have 12 dollars altogether? Show your work.

Timmy needs \_\_\_\_\_ more quarters.



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# Facts to 8

## 1 Add:

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

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$$

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

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

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

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

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

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

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

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

## 2 Subtract:

$$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

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

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

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

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

**3** Get Unifix cubes. Make trains of 1, 2, 3, and 4 cubes. Put the trains together to make the numbers in the hexagons below. Color in the boxes to show which trains you put together. You can use more than 2 trains to make a number.



<b>example</b>	<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>



NAME \_\_\_\_\_

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## Flowers & Oranges

1 Jen had some flowers. Her friend gave her 9 more flowers. Now she has 14 flowers. How many flowers did Jen have to start with? Show your work.

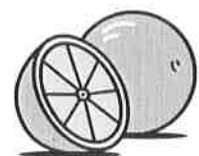
Jen had \_\_\_\_\_ flowers to start with.



### CHALLENGE

2 Jon had 4 oranges. He cut each orange into 8 slices. How many orange slices did he have in all? Show your work.

Jon had \_\_\_\_\_ orange slices in all.

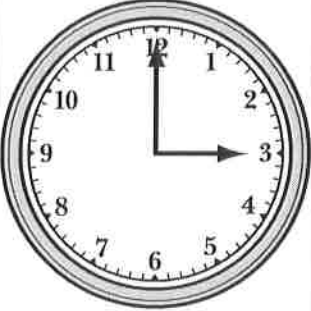
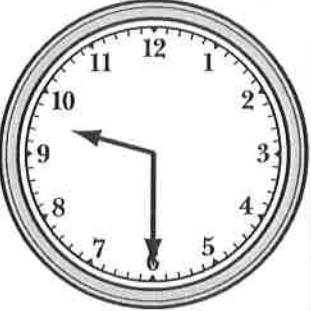

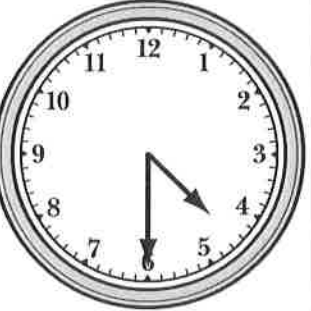
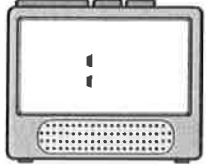

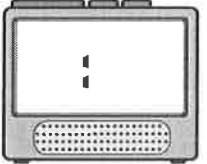



NAME \_\_\_\_\_







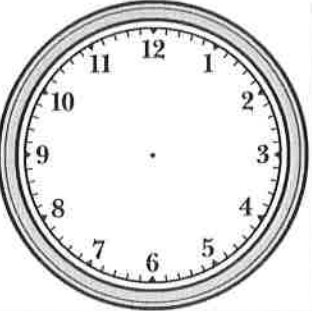
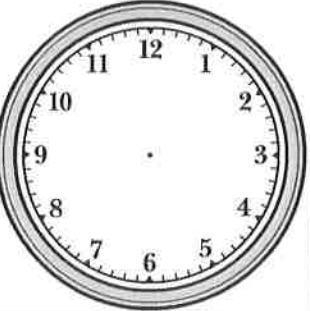
DATE \_\_\_\_\_

# Telling Time on Two Kinds of Clocks

1 Read each of these clock faces and write the time on the digital clock.

<p><b>a</b></p> 	<p><b>b</b></p> 	<p><b>c</b></p> 	<p><b>d</b></p> 
			

2 Read each of these digital clocks and mark the time on the clock face.

<p><b>a</b></p> 	<p><b>b</b></p> 	<p><b>c</b></p> 	<p><b>d</b></p> 
			

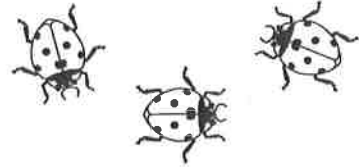
NAME \_\_\_\_\_

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## Ladybug Story Problems

A story problem gives you some facts and asks a question. For each problem

- underline the facts.
- put a box around the question.
- solve the problem and show your work.
- write the answer on the line.



**example** There were 7 ladybugs on the leaf. 6 more landed on the leaf. How  
many ladybugs in all?

$$7 + 6 = 13$$

There were 13 ladybugs in all.

**1** 10 ladybugs were sitting on a leaf. A bird came and chased 4 of them away.  
How many ladybugs were left?

\_\_\_\_\_ ladybugs were left.

**2** There are 4 ladybugs on the leaf. How many legs in all? (Ladybugs have 6 legs.)

There are \_\_\_\_\_ legs in all.

**3** There were 5 ladybugs on a leaf. Some more ladybugs came. Then there were 12 ladybugs on the leaf. How many ladybugs came?

\_\_\_\_\_ ladybugs came.

NAME \_\_\_\_\_

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# Facts to 9

## 1 Add:

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

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

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$$

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

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

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

$0 + 6 + 3 = \underline{\quad}$

## 2 Subtract:

$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$$

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

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

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

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

**3** Get Unifix cubes. Make trains of 2, 3, 4, and 8 cubes. Put the trains together to make the numbers in the hexagons below. Color in the boxes to show which trains you put together. You can use one or more trains to make a number.



<b>example</b>	<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>

NAME \_\_\_\_\_

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## Cookies & Apples

1 There were 15 cookies on the plate. The dog got some of them. Now there are only 7 cookies on the plate. How many did the dog get? Show your work.

The dog got \_\_\_\_\_ cookies.



### CHALLENGE

2 Ann had 4 apples. She cut each apple into 5 slices. Each slice had 3 seeds in it. How many seeds in all? Show your work.

There were \_\_\_\_\_ seeds in all.



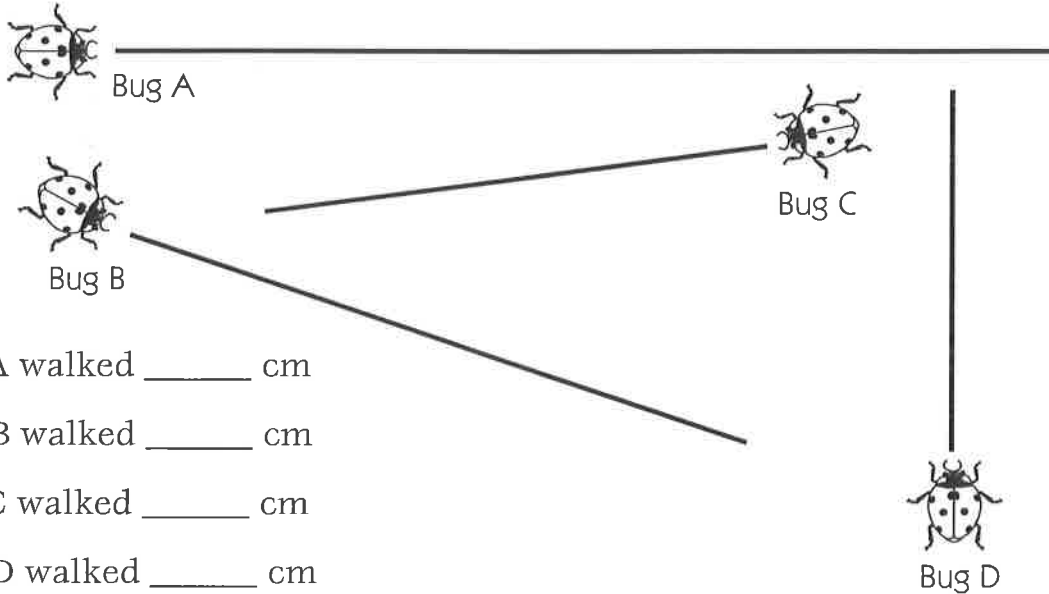


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# Measuring Ladybug Paths

**1** Measure the ladybugs' paths below. Use the centimeter side of your ruler. Write the length of each path on the correct line.



- a** Bug A walked \_\_\_\_\_ cm
- b** Bug B walked \_\_\_\_\_ cm
- c** Bug C walked \_\_\_\_\_ cm
- d** Bug D walked \_\_\_\_\_ cm

**2** Which ladybug has the longest path? (circle one)

Bug A      Bug B      Bug C      Bug D

**3** How much longer is Bug A's path than Bug B's path? \_\_\_\_\_

**4** How much shorter is Bug D's path than Bug A's path? \_\_\_\_\_

**5** How far did the 4 ladybugs walk in all? Write a number sentence to show.

**6** Draw a path from the ladybug to the flower. Measure it with the centimeter side of your ruler.



My path is \_\_\_\_\_ centimeters long.

NAME \_\_\_\_\_

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# Facts to 10

1 Add:

$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 0 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$
---	---	---	---	--	---	---

$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$
---	---	---	---	---	---	---

$3 + 4 + 2 = \underline{\quad}$        $2 + 3 + 5 = \underline{\quad}$        $1 + 2 + 3 + 4 = \underline{\quad}$

2 Subtract:

$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$
---	--	---	--	---	--	---

$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$
--	---	--	--	--	---	---

$10 - 4 = \underline{\quad}$        $10 - 6 = \underline{\quad}$        $10 - 9 = \underline{\quad}$        $9 - 6 = \underline{\quad}$

3 Get Unifix cubes. Make two trains of 2 and two trains of 3. Put the trains together to make the numbers in the hexagons below. Color in the boxes to show which trains you put together. You can use more than 2 trains to make a number. There is one number you cannot make. Cross it out when you find it.



<b>example</b>	<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>



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## Snacks

1 There were some granola bars on the table. The kids ate 6 of them. Now there are 9 granola bars left on the table. How many granola bars were on the table to start with? Show your work.

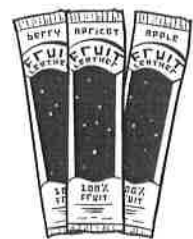
There were \_\_\_\_\_ granola bars on the table to start with.



### CHALLENGE

2 Lin bought 3 fruit strips for 45¢ each. He gave the clerk \$2.00. How much change did he get back? Show your work.

Lin got \_\_\_\_\_ back in change.



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# Addition & Subtraction Tables

**1** Fill in the missing numbers on the addition tables. Some of the numbers have already been filled in for you.

**a**

+	2	3	4	5	6	7
1	3					
2			6			
3						10
4						
5		8			11	
6						

**b**

+	3	4	5	6	7	8
3	6					
4			9			
5						13
6						
7		11			14	
8						

**2** Fill in the missing numbers on the subtraction tables. Some of the numbers have already been filled in for you.

**a**

0	1	2	3	4	5	-
		2				0
				3		1
						2
			0			3
						4
						5

**b**

6	7	8	9	10	11	-
						0
		7				1
				8		2
						3
				6		4
						5

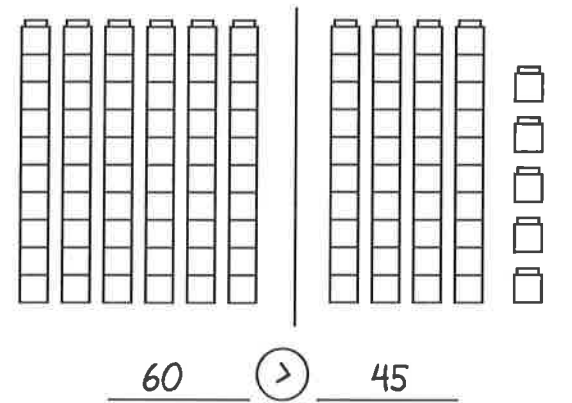
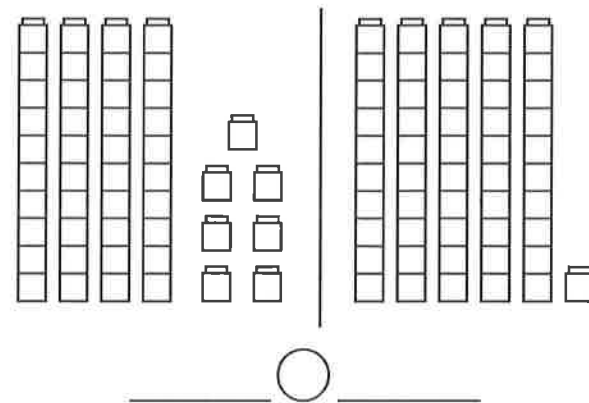
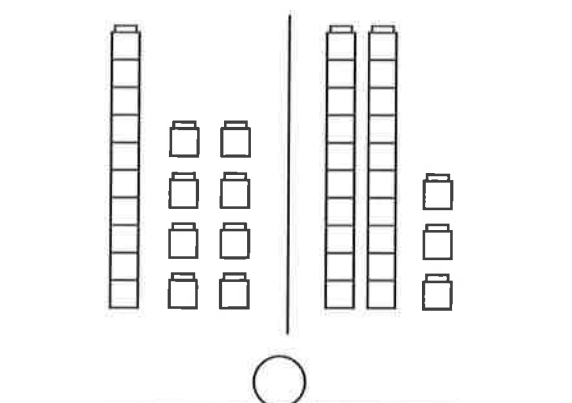
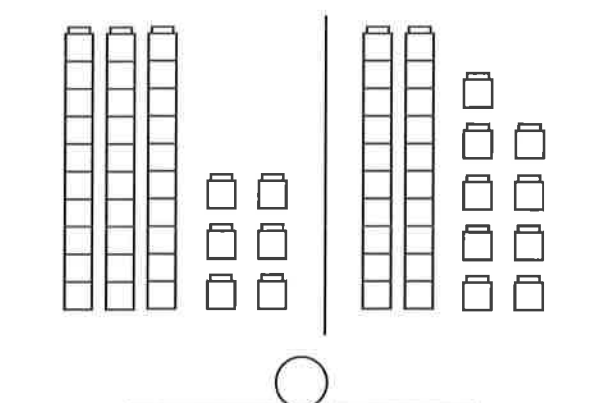
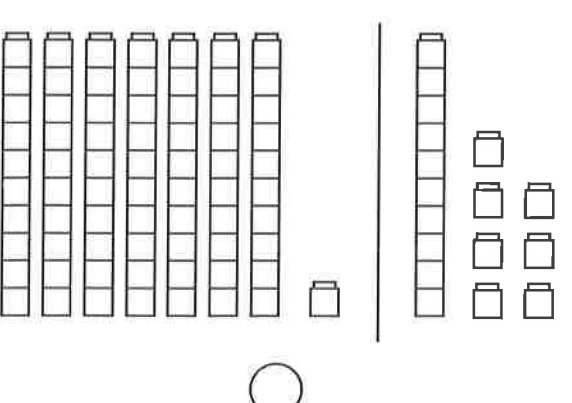
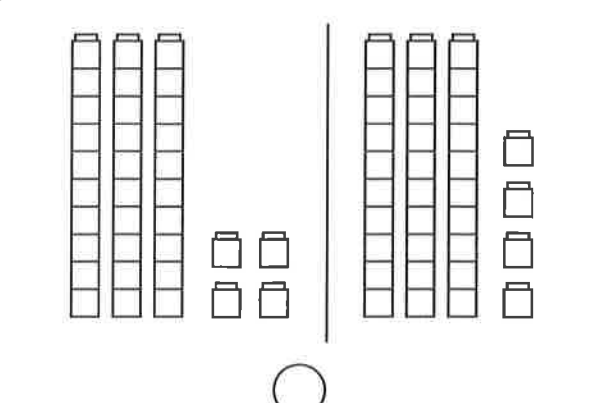
NAME \_\_\_\_\_

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# Comparing Numbers to 100

Here are 6 pairs of Unifix cube collections. Count to find out which collection has more and which collection has fewer cubes. Write numbers and signs to show.

< fewer than      = the same as      > more than

<p><b>example</b></p>  <p style="text-align: center;">60 &gt; 45</p>	<p><b>1</b></p>  <p style="text-align: center;">_____ ○ _____</p>
<p><b>2</b></p>  <p style="text-align: center;">_____ ○ _____</p>	<p><b>3</b></p>  <p style="text-align: center;">_____ ○ _____</p>
<p><b>4</b></p>  <p style="text-align: center;">_____ ○ _____</p>	<p><b>5</b></p>  <p style="text-align: center;">_____ ○ _____</p>

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## Missing Numbers

**1** Fill in the missing numbers to complete the addition facts.

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

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

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

$7 + \underline{\quad} = 14$

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

$9 + \underline{\quad} = 18$

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

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

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

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

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

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

$3 + \underline{\quad} = 13$

$10 + \underline{\quad} = 18$

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

**2** Fill in the missing numbers to complete the pattern.

**a** Skip-count forward by 5's.

5, 10, 15, \_\_\_\_\_, 25, \_\_\_\_\_, \_\_\_\_\_

**b** Skip-count forward by 5's.

40, \_\_\_\_\_, 50, \_\_\_\_\_, \_\_\_\_\_, 65

**c** Skip-count forward by 5's.

13, 18, 23, \_\_\_\_\_, 33, \_\_\_\_\_, \_\_\_\_\_

**d** Skip-count forward by 5's.

19, 24, \_\_\_\_\_, 34, 39, \_\_\_\_\_, 49

**e** Skip-count backward by 5's.

30, 25, \_\_\_\_\_, 15, \_\_\_\_\_, \_\_\_\_\_

**f** Skip-count backward by 5's.

27, 22, \_\_\_\_\_, 12, \_\_\_\_\_, \_\_\_\_\_



### CHALLENGE

**3** Skip-count by 5's. Circle the word to show whether you went forward or backward each time.

<b>a</b> 143, 138, 133, _____, 123, _____, 113, _____, _____, 98	forward backward
<b>b</b> 332, 337, 342, _____, 352, 357, _____, _____, 372, _____	forward backward
<b>c</b> 488, 493, 498, _____, _____, 513, _____, _____, _____, 533	forward backward
<b>d</b> 267, 262, 257, _____, _____, _____, 237, _____, 227, _____	forward backward

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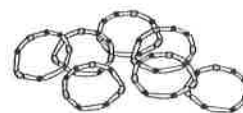
DATE \_\_\_\_\_

## Beads & Patterns

**1a** Trina has 17 beads. 9 of the beads are blue, and the rest are red. How many red beads does Trina have? Show your work.

Trina has \_\_\_\_\_ red beads.

**b** Trina wants to make a bracelet with her beads. How can she make a color pattern with her 17 blue and red beads? Draw a picture to show.



### CHALLENGE

**2** Look for a pattern. Fill in the missing numbers that fit your pattern.

**a** 1, 7, 13, 19, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**b** 2, 7, 12, 17, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 37, \_\_\_\_\_, \_\_\_\_\_, 52

**c** 25, 20, 15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**d** 24, 20, 16, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**e** 1, 2, 4, 7, 11, \_\_\_\_\_, \_\_\_\_\_, 29, \_\_\_\_\_, 46, \_\_\_\_\_

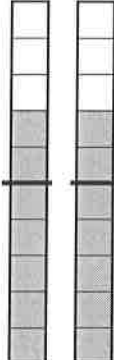
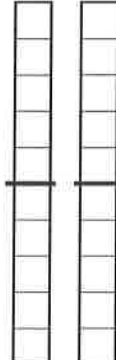
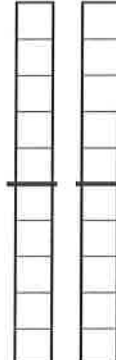
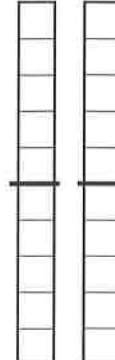

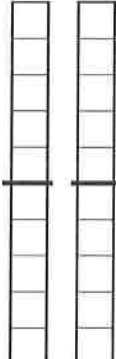
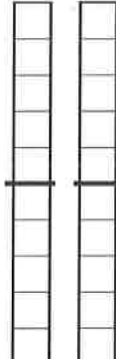
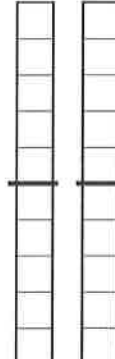
**f** 1, 2, 4, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 128, \_\_\_\_\_, \_\_\_\_\_

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# Doubles & Neighbors

1 Color the ten-strips to match each addition problem. Write the answer.

<p><b>ex</b></p>  $\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array}$	<p><b>a</b></p>  $\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	<p><b>b</b></p>  $\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	<p><b>c</b></p>  $\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$
<p><b>d</b></p>  $\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	<p><b>e</b></p>  $\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$	<p><b>f</b></p>  $\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$	<p><b>g</b></p>  $\begin{array}{r} 10 \\ + 9 \\ \hline \end{array}$

2 Subtract.

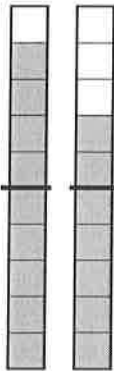
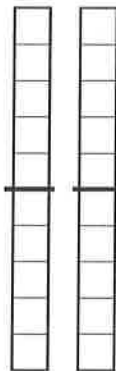
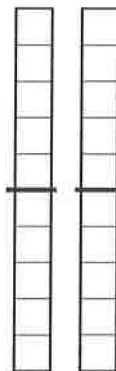
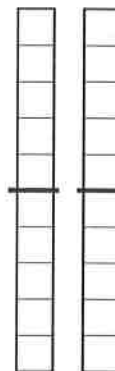


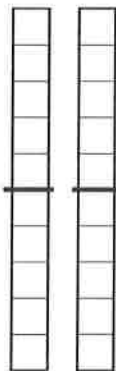

$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$
$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$

NAME \_\_\_\_\_

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# Fast Nines & Fast Tens

1 Color the ten-strips to match each addition problem. Write the answer.

<p><b>ex</b></p>  $\begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array}$	<p><b>a</b></p>  $\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$	<p><b>b</b></p>  $\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$	<p><b>c</b></p>  $\begin{array}{r} 10 \\ + 8 \\ \hline \end{array}$
<p><b>d</b></p>  $\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$	<p><b>e</b></p>  $\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$	<p><b>f</b></p>  $\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$	<p><b>g</b></p>  $\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$

2 Subtract:

$\begin{array}{r} 16 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 10 \\ \hline \end{array}$
$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$