

# Fairfield Public Schools



## Math Packet

For

Students Entering Third Grade



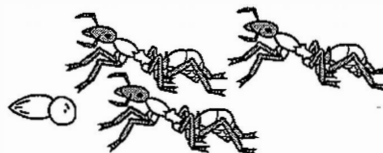
NAME \_\_\_\_\_

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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.

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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.

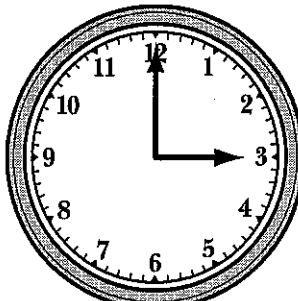
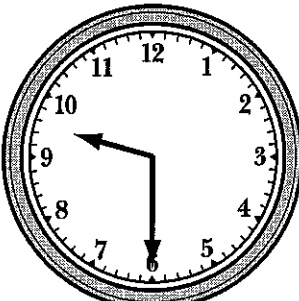
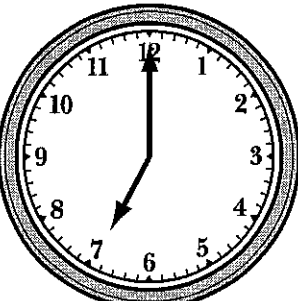
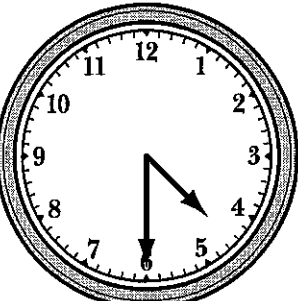
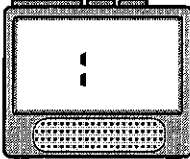
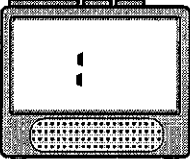
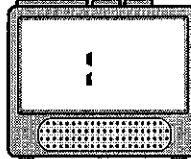
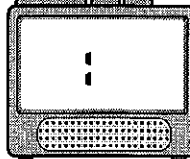


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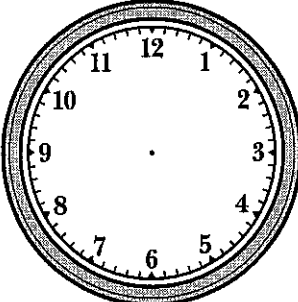
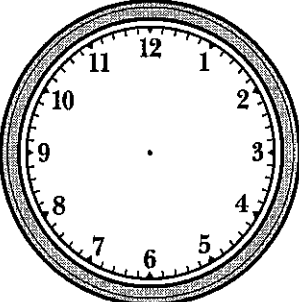
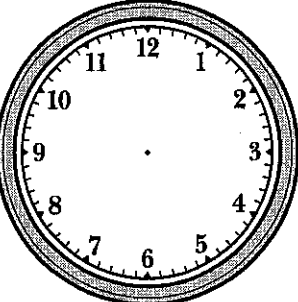
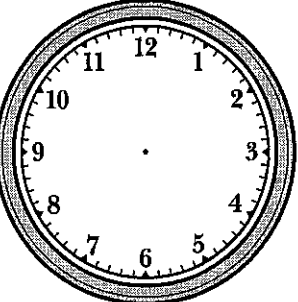
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## Telling Time on Two Kinds of Clocks

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> 
			

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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.

<b>a</b> Skip-count forward by 5's. 5, 10, 15, _____, 25, _____, _____	<b>b</b> Skip-count forward by 5's. 40, _____, 50, _____, _____, 65
<b>c</b> Skip-count forward by 5's. 13, 18, 23, _____, 33, _____, _____	<b>d</b> Skip-count forward by 5's. 19, 24, _____, 34, 39, _____, 49
<b>e</b> Skip-count backward by 5's. 30, 25, _____, 15, _____, _____	<b>f</b> 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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## Extra Facts

Sometimes story problems give you more facts than you need to solve the problem. In each problem below, cross out the fact you don't need. Then solve the problem. Show your work.

**1** Neena bought 7 red apples, 8 green apples, and 3 yellow apples. Neena is 12 years old. How many apples did Neena buy?

Neena bought \_\_\_\_\_ apples.



**2** Pedro had 15 dollars. He spent 9 dollars on a book. His friend had 12 dollars. How much money did Pedro have left?

Pedro had \_\_\_\_\_ dollars left.



**3** The gym teacher had 16 soccer balls. She had 14 footballs. She gave 8 of the soccer balls to the playground helper. How many soccer balls did she have left?

The gym teacher had \_\_\_\_\_ soccer balls left.



### CHALLENGE

**4** The ladybug ate 28 aphids in the morning. Then she took a nap on a leaf for 3 hours. She ate 34 aphids in the afternoon. How many aphids did she eat in all?

The ladybug ate \_\_\_\_\_ aphids in all.



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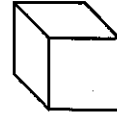
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## Mystery Shapes

There are 6 mystery shapes on the right. Read each riddle below and write the name of the mystery shape.

**1** I have 6 faces. 2 of my faces are square. 4 of my faces are rectangles that are not squares.

I am the \_\_\_\_\_.



cube

**2** I have no faces at all. I am round all the way around.

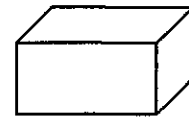
I am the \_\_\_\_\_.



pyramid

**3** I have 5 faces, but you can only see 2 of them. 4 of my faces are triangles. They meet at one point called a vertex.

I am the \_\_\_\_\_.



rectangular prism

**4** Two of my faces are circles. If you set me on one of those faces, I will not roll.

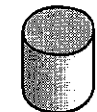
I am the \_\_\_\_\_.



sphere

**5** I have 5 faces. 3 of my faces are rectangles. 2 of my faces are triangles.

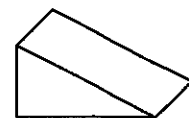
I am the \_\_\_\_\_.



cylinder

**6** I have 6 faces. All my edges are exactly the same length.

I am the \_\_\_\_\_.



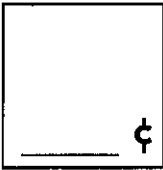

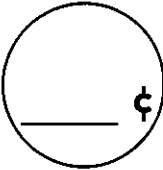

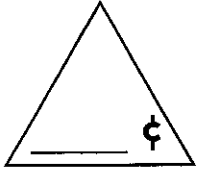

triangular prism

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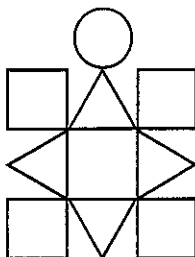
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# The Shapes Shop

**1** Count the money to find out how much each shape is worth. Write the price on the shape.

<p><b>a</b></p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 10px;">  </div>	<p><b>b</b></p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 10px;">  </div>	<p><b>c</b></p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 10px;">  </div>
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**2** Maria bought some shapes at the Shapes Shop. She used all her shapes to make this picture. How much money did she spend? Show your work.



**3** Use squares, circles, and triangles to make a picture worth 48¢. Label your work to prove it.







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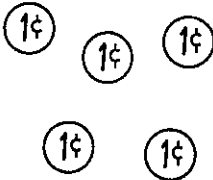
## Two Different Ways to Write Money Amounts

If you have an amount of money less than a dollar, you can write the amount with a cents sign or a dollar sign.

**1** Count the money in each box, and write it in two different ways.

<b>ex</b>		<u>23¢</u> or <u>\$0.23</u>
<b>a</b>		_____ or _____
<b>b</b>		_____ or _____
<b>c</b>		_____ or _____

**2** Write the name of each coin. Show how to write it with a cents sign or a dollar sign. Then draw a different way to make the same amount of money with more than one coin.

Coin name	<b>ex</b> <u>nickel</u> 	<b>a</b> _____ 	<b>b</b> _____ 
Written two ways	<u>5¢</u> or <u>\$0.05</u>	_____ or _____	_____ or _____
Different way to make it.			

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## Sara's Pockets

**1** Sara has 4 coins in her right pocket. Together, they are worth 30¢. What 4 coins does Sara have in her right pocket? Show your work.

The 4 coins Sara has in her right pocket are \_\_\_\_\_

**2** Sara has 7 coins in her left pocket. Together, they are worth 24¢. What 7 coins does Sara have in her left pocket? Show your work.

The 7 coins Sara has in her left pocket are \_\_\_\_\_

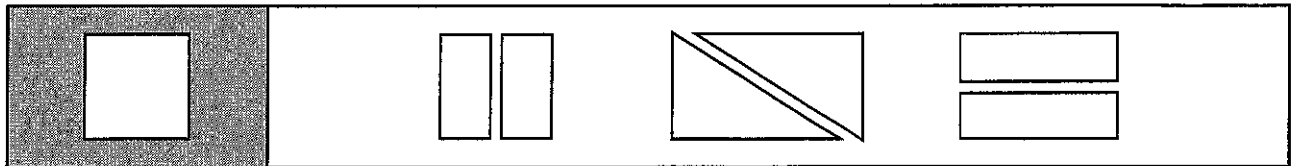
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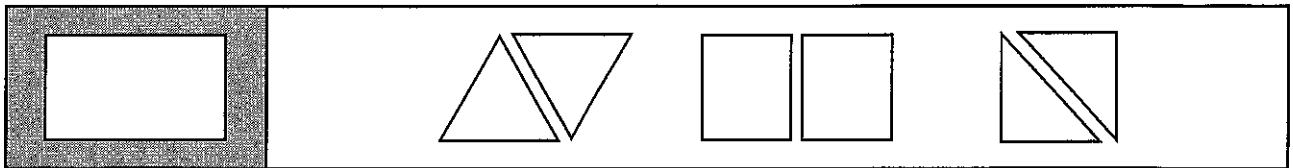
# Halves

1 Circle the correct answer.

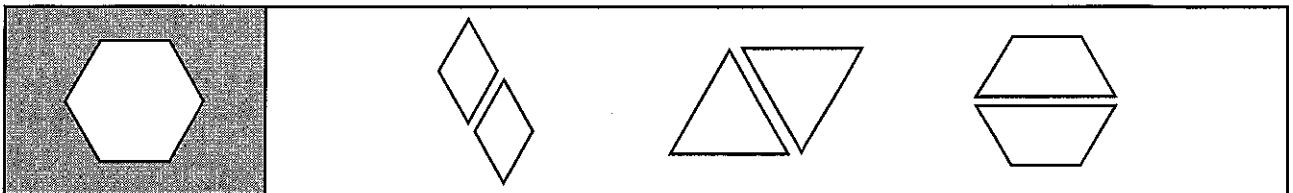
a If you cut this square in half, what two shapes will you get?



b If you cut this rectangle in half, what two shapes will you get?



c If you cut this hexagon in half, what two shapes will you get?



2 Subtract:

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

$$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 40 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 200 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ - 300 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 120 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 180 \\ - 90 \\ \hline \end{array}$$

$$\begin{array}{r} 160 \\ - 80 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ - 70 \\ \hline \end{array}$$

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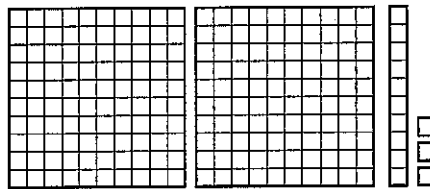
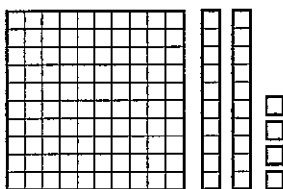
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# Comparing Numbers to 300

1 Count to find out which set of base ten pieces in each pair is greater and which is less. Write numbers and signs to show.

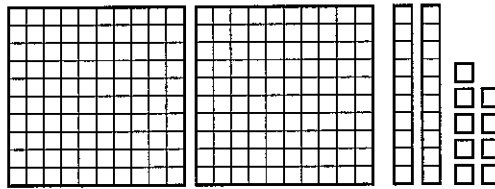
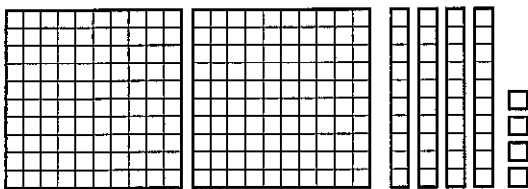
< less than      = the same as      > greater than

**example**



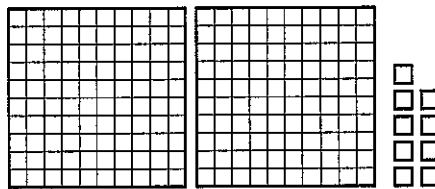
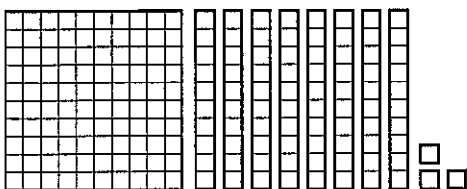
124 < 213

**a**



\_\_\_\_\_

**b**



\_\_\_\_\_

2 Read the numbers in the box. Then write them in order on the lines from least to greatest.

261	107	67	113	204
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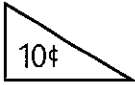
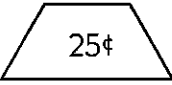


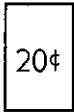
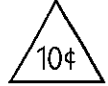
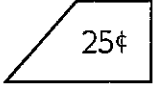


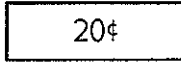
\_\_\_\_\_ least

\_\_\_\_\_ greatest

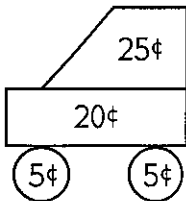
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# Another Trip to the Shapes Shop

				
				
Triangles	Trapezoids	Circles	Squares	Rectangles

**1** How much does this shape picture cost? Circle the coins you could use to pay for it.




**2** Draw a vehicle (car, boat, truck, plane, scooter, bike, skateboard) that costs 75¢. Label your picture with the prices. Add the numbers to check your work.

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## Pet Shop Equations

1 Draw a line to match each problem with its equation. Then find the answers.

<p><b>a</b> The pet shop owner had 14 hamsters. She sold 5 of them on Monday and 3 of them on Tuesday. How many hamsters does she have left?</p>	$9 - 2 + 8 = \underline{\quad}$
<p><b>b</b> There were 12 puppies in the pen. The pet shop owner sold some of them. Now there are 7 puppies in the pen. How many puppies did she sell?</p>	$14 - 5 - 3 = \underline{\quad}$
<p><b>c</b> The pet shop owner got 9 rabbits yesterday. A family came in and bought 2 of them. Then the shop owner got 8 more rabbits. How many rabbits does she have now?</p>	$6 + \underline{\quad} = 13$
<p><b>d</b> There were 16 fish in the big tank. The shop owner moved some of them. Now there are only 9 fish in the big tank. How many did the shop owner move?</p>	$12 - \underline{\quad} = 7$
<p><b>e</b> The shop owner had 6 kittens. Then she got some more kittens. Now she has 13 kittens. How many kittens did she get?</p>	$16 - \underline{\quad} = 9$



### CHALLENGE

2 Solve these equations.

$2 + 5 - 4 + 8 = \underline{\quad}$

$30 - 20 + \underline{\quad} = 25$

$8 + 12 + 34 = \underline{\quad}$

$\underline{\quad} + 5 = 21$

$20 + 30 - \underline{\quad} = 30 - 5$

$250 + 48 + 2 = \underline{\quad}$

$90 + 170 + 64 = \underline{\quad}$

$14 + 227 - \underline{\quad} = 227 - 9$

$123 + 48 - \underline{\quad} = 123 - 5$

$350 + 118 + 6 = \underline{\quad}$

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## More Facts Than You Need

Sometimes story problems give you more facts than you need to solve the problem. In each problem below, cross out the fact you don't need. Then solve the problem. Show your work.

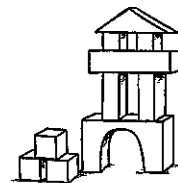
**1** Akiko has 27 marbles. Sara has 53 marbles. Sam has 24 marbles. How many marbles do Sara and Sam have in all?

Sara and Sam have \_\_\_\_\_ marbles in all.



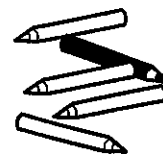
**2** Jenny has 12 toy people. She is building a house for them. She used 12 blocks for the front gate, and 48 blocks for the rest of the house. How many blocks did Jenny use in all?

Jenny used \_\_\_\_\_ blocks in all.



**3** Juan had 56 crayons. He gave 23 of his crayons to his friend. Juan also gave his friend 15 marking pens. How many crayons does Juan have left?

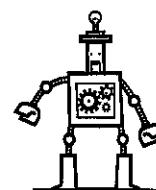
Juan has \_\_\_\_\_ crayons left.



### CHALLENGE

**4** The Toy Factory made 90 robots on Tuesday. 23 people work at the factory. They sold 54 of the robots on Wednesday. How many robots did they have left?

The Toy Factory had \_\_\_\_\_ robots left.





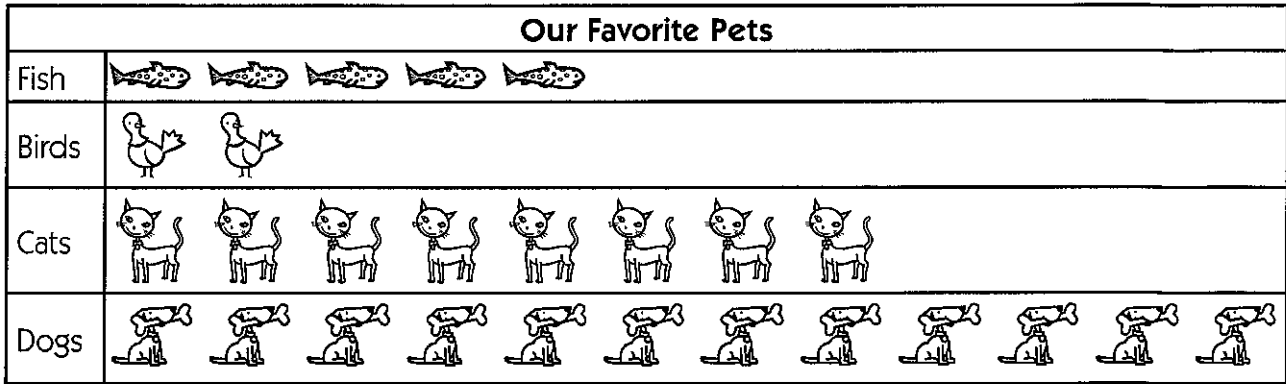


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# The Pet Graph

1 The second graders in Ms. Nelson's class made a graph with pictures to show their favorite pets. Each student put one picture on the graph to show his or her favorite pet. Use their graph to help answer the questions below.



- a Which pet did most kids like the best? \_\_\_\_\_
- b How many more kids like dogs than fish the best? \_\_\_\_\_
- c How many fewer kids like birds than cats the best? \_\_\_\_\_
- d Write a number sentence to show how many kids put pictures on this graph.

2 The kids in Ms. Nelson's class did a survey of all the second grades to find out about kids' favorite pets. Use their chart to help answer the questions below.

- a How many more kids like fish than birds the best?  
Show your work.

2nd Grade Favorite Pets	
Pet	Number of Kids
Fish	17
Birds	8
Cats	45
Dogs	62

- b How many more kids like dogs than cats the best?  
Show your work.

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## More Place Value Practice

**1** Count by 10's, either forward or backward, to fill in the missing numbers.

**a** 10, 20, 30, 40, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 80, \_\_\_\_\_, 100, 110, \_\_\_\_\_, \_\_\_\_\_

**b** 280, 270, 260, \_\_\_\_\_, \_\_\_\_\_, 230, \_\_\_\_\_, \_\_\_\_\_, 200, \_\_\_\_\_, \_\_\_\_\_

**c** 203, 213, 223, \_\_\_\_\_, \_\_\_\_\_, 253, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 293, \_\_\_\_\_

**d** 567, 557, 547, 537, \_\_\_\_\_, \_\_\_\_\_, 507, \_\_\_\_\_, 487, \_\_\_\_\_, 467

**2** Count by 100's, either forward or backward, to fill in the missing numbers.

**a** 100, 200, 300, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 700, \_\_\_\_\_, \_\_\_\_\_

**b** 950, 850, 750, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 350, \_\_\_\_\_, \_\_\_\_\_

**c** 203, 303, 403, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 803, \_\_\_\_\_, 1003

**d** 914, 814, 714, \_\_\_\_\_, \_\_\_\_\_, 414, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**3** Add the numbers.

$400 + 70 + 2 = \underline{\hspace{2cm}}$

$600 + 20 + 8 = \underline{\hspace{2cm}}$

$800 + 50 + 5 = \underline{\hspace{2cm}}$

$100 + 10 + 3 = \underline{\hspace{2cm}}$

200	300	700	200	400	100	900
50	80	40	60	40	10	90
+ 9	+ 1	+ 2	+ 0	+ 4	+ 7	+ 9




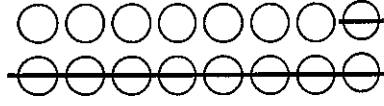

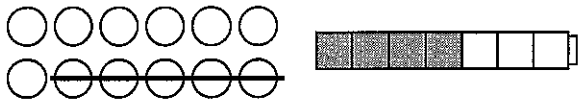
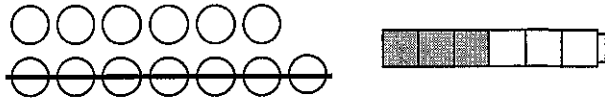
**4** Circle the answer in each of the questions below.

<b>a</b> The <b>3</b> in <b>359</b> is in the	ones place	tens place	hundreds place
<b>b</b> The <b>4</b> in <b>904</b> is in the	ones place	tens place	hundreds place
<b>c</b> The <b>5</b> in <b>256</b> is in the	ones place	tens place	hundreds place

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# Solving Equations

1 Fill in the missing numbers.

<p><b>a</b> <math>15 = \underline{\quad} + 7</math></p> 	<p><b>b</b> <math>5 + \underline{\quad} = 13</math></p> 
<p><b>c</b> <math>14 - \underline{\quad} = 8</math></p> 	<p><b>d</b> <math>16 - \underline{\quad} = 7</math></p> 
<p><b>e</b> <math>9 + 6 = \underline{\quad} + 8</math></p> 	
<p><b>f</b> <math>12 - 5 = 4 + \underline{\quad}</math></p> 	<p><b>g</b> <math>13 - 7 = 3 + \underline{\quad}</math></p> 

2 Fill in the missing numbers.

$40 + 50 = \underline{\quad}$	$30 + \underline{\quad} = 60$	$\underline{\quad} + 70 = 90$
$25 + 35 = \underline{\quad}$	$25 + \underline{\quad} = 50$	$\underline{\quad} + 40 = 85$
$80 - 40 = \underline{\quad}$	$70 - \underline{\quad} = 20$	$\underline{\quad} - 30 = 30$
$95 - 40 = \underline{\quad}$	$55 - \underline{\quad} = 35$	$\underline{\quad} - 25 = 25$

## CHALLENGE

3 Fill in the missing numbers.

$250 = \underline{\quad} + 6$	$90 + 70 = \underline{\quad} + 17$	$140 - 60 = 30 + \underline{\quad}$
-------------------------------	------------------------------------	-------------------------------------

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## Apples & Orange Slices

**1** There are 4 baskets on the table. Each basket has 12 apples in it. How many apples are there in all? Show your work. Mark the answer clearly.

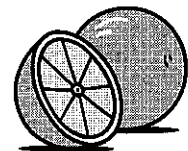
There are \_\_\_\_\_ apples.



### CHALLENGE

**2** There are 4 plates on the table. Each plate has 12 orange slices on it. Each orange slice has 3 seeds. How many seeds in all? Show your work. Mark the answer clearly.

There are \_\_\_\_\_ seeds.



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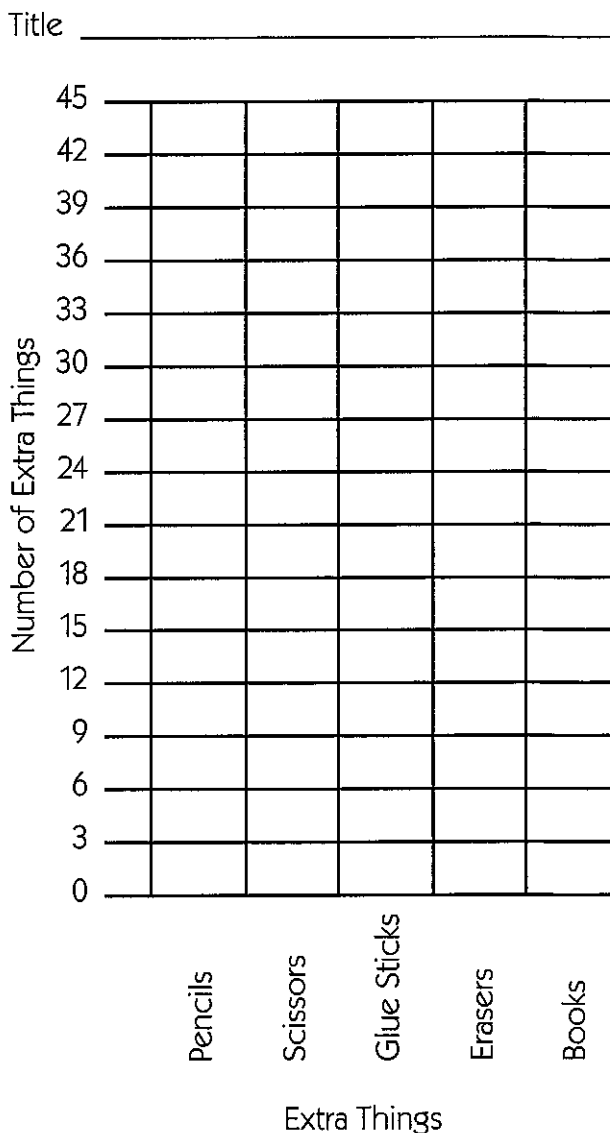
## The Second Graders Clean Their Desks

On Friday afternoon, Mrs. Nelson asked her second graders to clean their desks. This chart shows the extra things the kids found in their desks.

**1** Finish the graph on the right. Give it a title. Color in the columns to show what the kids found in their desks.

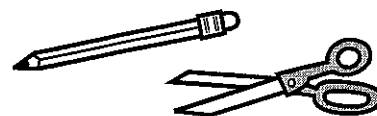
Number	Extra Things
44	Extra pencils
18	Extra pairs of scissors
12	Extra glue sticks
15	Extra erasers
9	Overdue library books

**2** How many more pencils than erasers did the kids find? Show your work.



 **CHALLENGE**

**3** How many extra things did they find in all? Show your work.


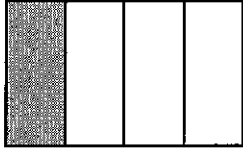

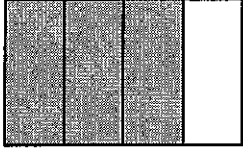


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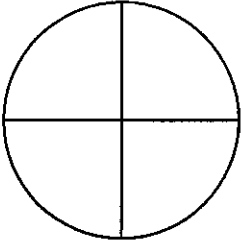
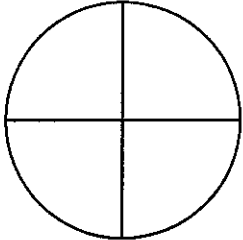
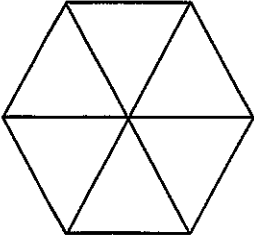
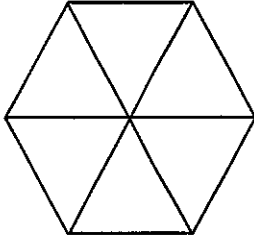
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# Fractions

1 What part of each rectangle is colored? Circle the correct fraction.

<p><b>a</b></p>  <p style="text-align: center;"> <math>\frac{1}{3}</math>    <math>\frac{2}{2}</math>    <math>\frac{1}{2}</math>    <math>\frac{3}{4}</math> </p>	<p><b>b</b></p>  <p style="text-align: center;"> <math>\frac{1}{4}</math>    <math>\frac{2}{4}</math>    <math>\frac{1}{3}</math>    <math>\frac{3}{6}</math> </p>
<p><b>c</b></p>  <p style="text-align: center;"> <math>\frac{2}{3}</math>    <math>\frac{1}{2}</math>    <math>\frac{3}{4}</math>    <math>\frac{1}{3}</math> </p>	<p><b>d</b></p>  <p style="text-align: center;"> <math>\frac{3}{4}</math>    <math>\frac{2}{4}</math>    <math>\frac{3}{3}</math>    <math>\frac{5}{4}</math> </p>

2 Read each fraction and color in that part of the shape.

<p><b>a</b></p>  <p style="text-align: center;"><math>\frac{2}{4}</math></p>	<p><b>b</b></p>  <p style="text-align: center;"><math>\frac{3}{4}</math></p>
<p><b>c</b></p>  <p style="text-align: center;"><math>\frac{1}{6}</math></p>	<p><b>d</b></p>  <p style="text-align: center;"><math>\frac{3}{6}</math></p>

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## Place Value Review

1 Circle the place value of the underlined digit. Then write its value.

Number	Place Value	Value	Number	Place Value	Value
<b>ex a</b> 2 <u>3</u> 8	ones <u>tens</u> hundreds	30	<b>ex b</b> 10 <u>9</u>	<u>ones</u> tens hundreds	9
<b>a</b> <u>7</u> 43	ones tens hundreds		<b>b</b> 25 <u>3</u>	ones tens hundreds	
<b>c</b> 1 <u>5</u> 0	ones tens hundreds		<b>d</b> <u>6</u> 08	ones tens hundreds	

2 Write one of these signs on each line to make the sentence true.

< less than      = the same as      > greater than

<b>ex</b> 456 < 546	<b>a</b> 85 ____ 58	<b>b</b> 327 ____ 372	<b>c</b> 106 ____ 610
<b>d</b> 218 ____ 218	<b>e</b> 735 ____ 573	<b>f</b> 204 ____ 240	<b>g</b> 483 ____ 438

3 Fill in the missing digits to make each statement true. There is more than one right answer for each one.

<b>ex</b> 3 <u>2</u> 7 < 347	<b>a</b> 235 > ____ 35	<b>b</b> 307 < ____ 07	<b>c</b> 135 < 13 ____
<b>d</b> 4 ____ 3 > 463	<b>e</b> 1 ____ 9 < 139	<b>f</b> 182 > 1 ____ 2	<b>g</b> 514 < 51 ____

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## Adding & Subtracting

**1** Add the numbers.

$$\begin{array}{r} 80 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} 370 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 120 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 890 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 360 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 340 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 430 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ + 25 \\ \hline \end{array}$$

**2** Use pictures, numbers, and/or words to add the numbers in each box. Show all your work.

**a**  $36 + 55$

**b**  $129 + 133$

**3** Subtract the numbers.

$$\begin{array}{r} 86 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 25 \\ \hline \end{array}$$

**4** Use pictures, numbers, and/or words to subtract the numbers in the box. Show all your work.

$51 - 26$



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## Pedro's Birthday

Pedro's birthday is on April 30. Use the calendar to help solve the problems below.

**1** What day of the week is Pedro's birthday this year?

April						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

**2** Early in the month, Pedro said, "Mom, guess what? It's only 27 more days until my birthday!"

**a** What was the date on that day?

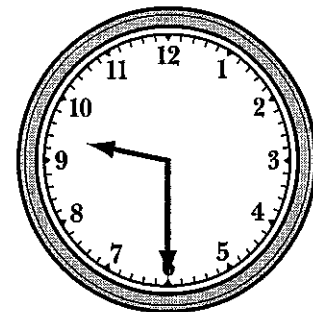
**b** Explain your answer.

**3** On April 9th, Pedro said, "Now it's only 3 more weeks until my birthday." How many days are there in 3 weeks? Show your work.

**4** On April \_\_\_\_\_, Pedro said, "Now it's only 3 more days until my birthday." How many hours are there in 3 days? Show your work.

**5a** On April 30, Pedro said, "My party starts at 12:30. It's 9:30 now!" How many hours is it until Pedro's party?

**b** How many minutes are there in 3 hours? Show your work.



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## Digits & Number Riddles

1 Tell what digit is in each place.

<p><b>a</b> 289</p>	<p>_____ is in the tens place.                      _____ is in the ones place.                      _____ is in the hundreds place.</p>	<p><b>b</b> 945</p>	<p>_____ is in the ones place.                      _____ is in the hundreds place.                      _____ is in the tens place.</p>
<p><b>c</b> 316</p>	<p>_____ is in the tens place.                      _____ is in the hundreds place.                      _____ is in the ones place.</p>	<p><b>d</b> 405</p>	<p>_____ is in the ones place.                      _____ is in the tens place.                      _____ is in the hundreds place.</p>
<p><b>e</b> 5,687</p>	<p>_____ is in the tens place.                      _____ is in the ones place.                      _____ is in the thousands place.                      _____ is in the hundreds place.</p>	<p><b>f</b> 4,301</p>	<p>_____ is in the ones place.                      _____ is in the hundreds place.                      _____ is in the tens place.                      _____ is in the thousands place.</p>



### CHALLENGE

2 Solve these number riddles.

<p><b>a</b> I have a 4 in the tens place.</p> <ul style="list-style-type: none"> <li>• I have a 1 in the hundreds place.</li> <li>• The number in my ones place is more than 6 and less than 9.</li> <li>• I am an odd number.</li> </ul> <p>What number am I?</p>	<p><b>b</b> I have a 7 in the hundreds place.</p> <ul style="list-style-type: none"> <li>• I have a 0 in the tens place.</li> <li>• I have a 3 in the thousands place.</li> <li>• The number in my ones place is less than 3.</li> <li>• I am an even number.</li> </ul> <p>What number am I?</p>
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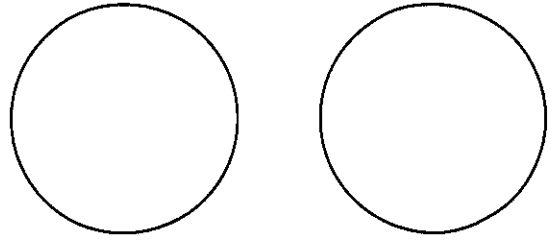
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## Pizza Problems

David and Sara each got a mini-pizza exactly the same size. David cut his pizza into 4 equal pieces. Sara cut her pizza into 6 equal pieces.

1 Who had bigger pieces? Draw on the circles below to help solve this problem.



\_\_\_\_\_ had bigger pieces.



### CHALLENGE

2 David ate 3 of his pieces. Sarah ate 4 of her pieces. Who ate more pizza? Use pictures, numbers, and/or words to explain your answer.

\_\_\_\_\_ ate more pizza.



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## Reading & Writing Numbers

1 Read each number. Then write it in expanded form.

<b>example</b> four hundred fifteen $415 = 400 + 10 + 5$	<b>a</b> two hundred eighty-six
<b>b</b> seven hundred fifty-three	<b>c</b> six hundred twenty-one
<b>d</b> three hundred forty-seven	<b>e</b> nine hundred seventeen
<b>f</b> one hundred sixty	<b>g</b> eight hundred four

2 Add the numbers.

$500 + 20 + 8 = \underline{\quad}$      $200 + 20 + 2 = \underline{\quad}$      $100 + 70 + 1 = \underline{\quad}$

$700 + 10 + 9 = \underline{\quad}$      $800 + 40 + 7 = \underline{\quad}$      $500 + 3 = \underline{\quad}$

$$\begin{array}{r} 200 \\ 90 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ 10 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ 20 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ 50 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ 90 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ 40 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ 10 \\ + 8 \\ \hline \end{array}$$

3 Circle the number that has the same value as the expanded form.

<b>a</b> $300 + 6$	<b>b</b> $200 + 10 + 7$
36      336      306      316	207      217      271      721

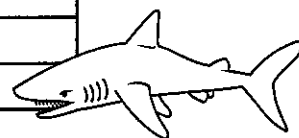
NAME \_\_\_\_\_

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## How Long Is a Shark?

There are many different types of sharks. Some are longer than others. This chart shows how long some of the different sharks are. Use it to help answer the questions below.

Shark Lengths	
Shark Name	Average Length (in centimeters)*
White Shark	204 centimeters
Bignose Shark	174 centimeters
Night Shark	154 centimeters
Bigeye Thresher Shark	312 centimeters
Tiger Shark	247 centimeters
Thresher Shark	373 centimeters



1 Which shark on the chart is the longest? \_\_\_\_\_

2 Which shark on the chart is the shortest? \_\_\_\_\_

3 Write one of these symbols on each blank to make the sentence true.

< less than      = the same as      > greater than

a Length of a Tiger Shark \_\_\_\_\_ Length of a White Shark

b Length of a Bignose Shark \_\_\_\_\_ Length of a Tiger Shark

4 Put the lengths of the sharks in order from least to greatest.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
 least greatest

5 How much longer is a Thresher Shark than a Tiger Shark? Show your work. Mark the answer clearly.

\* Source: <http://na.nefsc.noaa.gov/sharks/>

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## Addition & Subtraction Practice

**1** Add the numbers.

$$\begin{array}{r} 40 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 290 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 340 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 562 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 225 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 325 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 325 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 450 \\ + 50 \\ \hline \end{array}$$

**2** Use pictures, numbers, and/or words to add the numbers in each box. Show all your work.

<b>a</b> $47 + 47$	<b>b</b> $148 + 122$
--------------------	----------------------

**3** Subtract the numbers.

$$\begin{array}{r} 49 \\ - 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 67 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 75 \\ \hline \end{array}$$

**4** Choose *one* of the problems in the box. Circle it. Then solve it. Use pictures, numbers, and/or words to help. Show all your work.

$35 - 15$	$50 - 25$	$83 - 49$	$123 - 99$
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## More Number Patterns

**1** Fill in the missing numbers in these skip-counting patterns.

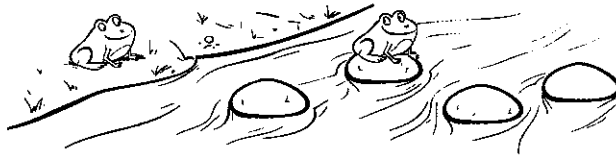
**a** 15, 25, 35, \_\_\_\_\_, 55, \_\_\_\_\_, 75, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 115, 125

**b** 6, 12, 18, \_\_\_\_\_, \_\_\_\_\_, 36, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 60, 66, \_\_\_\_\_

**c** 105, 110, 115, \_\_\_\_\_, \_\_\_\_\_, 130, \_\_\_\_\_, \_\_\_\_\_, 145, \_\_\_\_\_, 155

**d** 13, 113, 213, \_\_\_\_\_, 413 \_\_\_\_\_, 613, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**2** DJ and Hopper are jumping from stone to stone to get across the stream. There are nine stones in all. There is exactly 1 foot between each stone, and there are 12 inches in a foot. Finish the table below to see how many inches the frogs have to jump to get all the way across the stream.



Feet	1	2	3	4	5	6	7	8	9
Inches	12	24			60				



### CHALLENGE

**3** The path from DJ's house to the stream is 27 feet long. There are 3 feet in a yard. How many yards is it from DJ's house to the stream? Show your work.