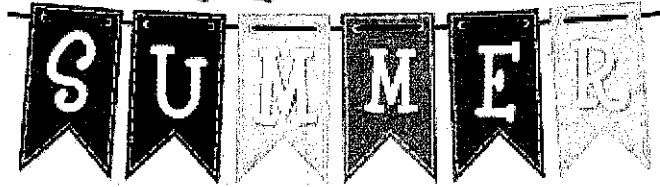


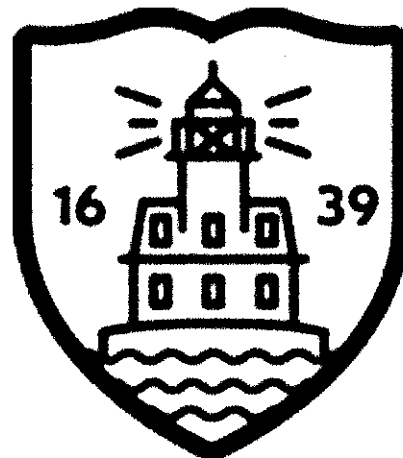
# Fairfield Public Schools



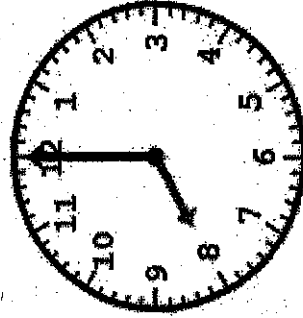
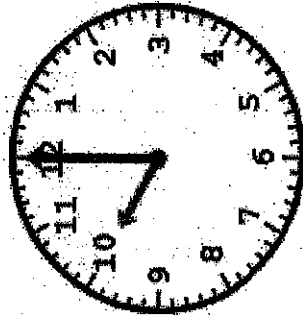
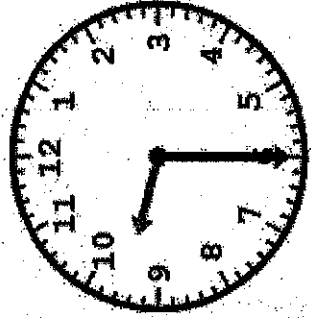
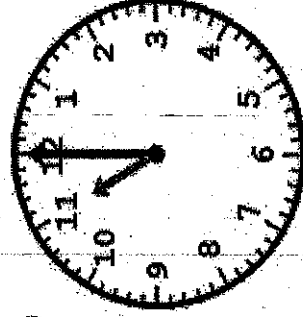
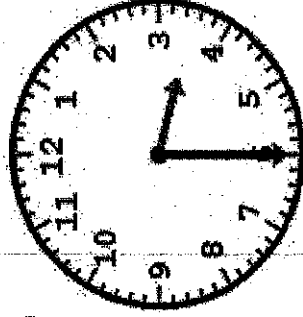
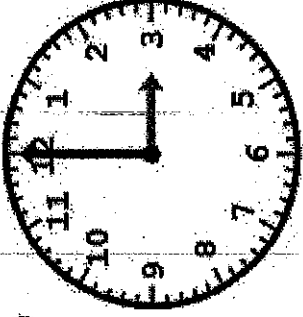
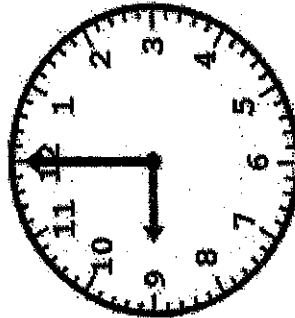
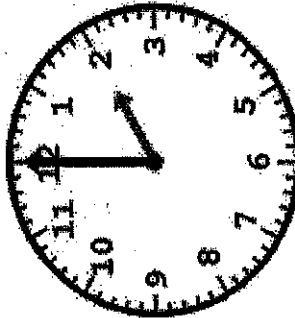
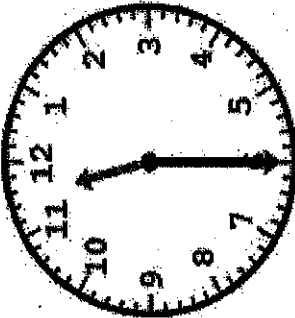
## Math Packet

For

**Students Entering Second Grade**



Name: \_\_\_\_\_



Name \_\_\_\_\_

Label each 2D shape:

Hexagon

Square

Rhombus

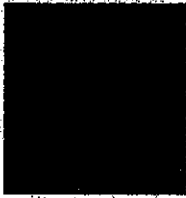
Pentagon

Rectangle

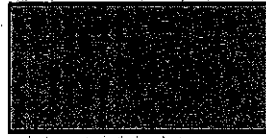
Circle

Trapezoid

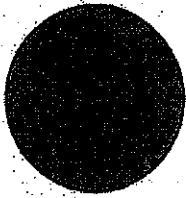
Triangle



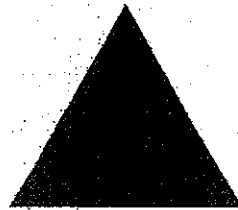
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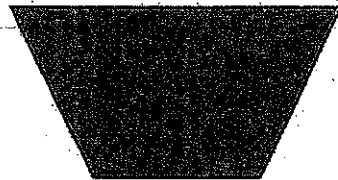
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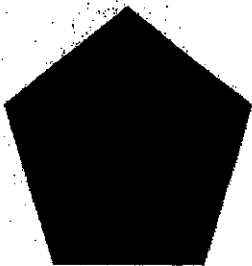
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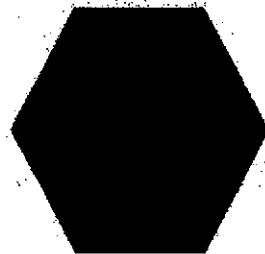
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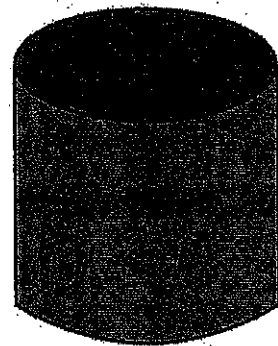
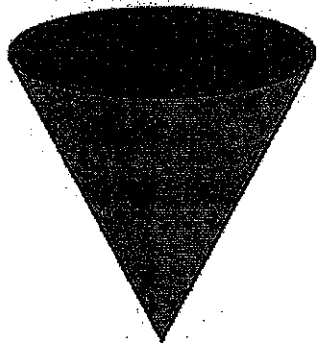
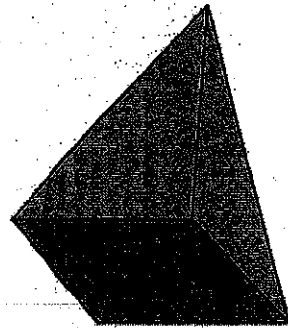
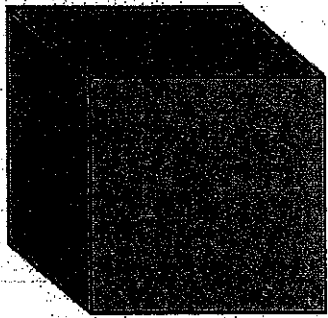
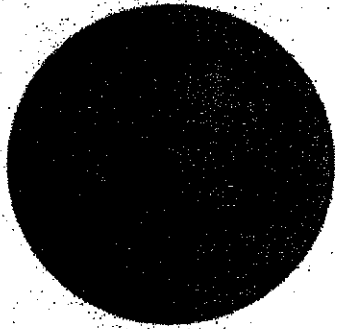


\_\_\_\_\_



\_\_\_\_\_

**Label each 3D shape:**      Pyramid      Sphere      Cone  
Cylinder      Rectangular Prism      Cube

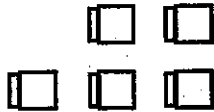
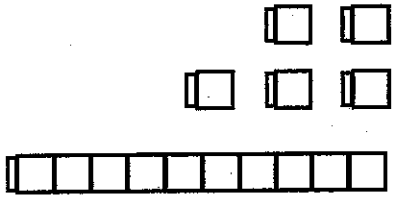
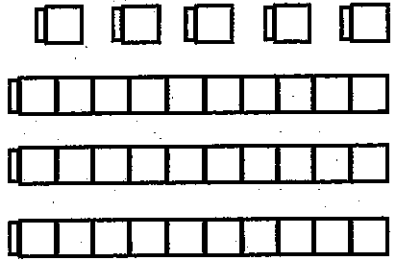
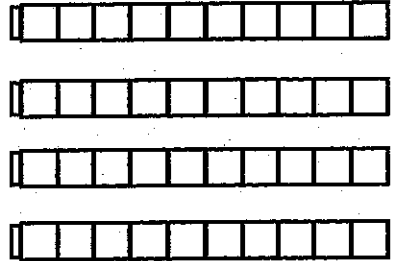
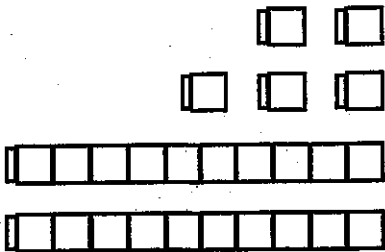

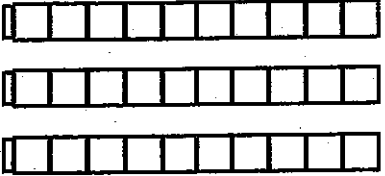



NAME \_\_\_\_\_

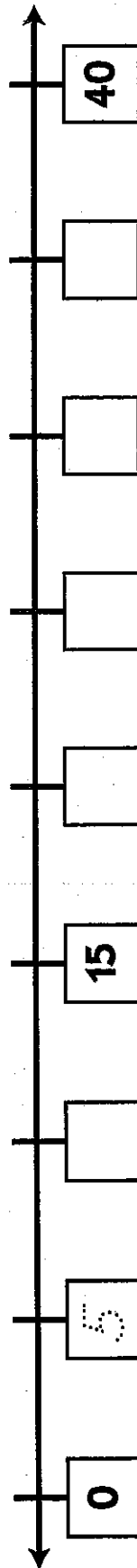
DATE \_\_\_\_\_

# Cubes on a Line

1 Count the cubes in each group below. Write the number on the line.

<p><b>a</b> <u>5</u></p> 	<p><b>b</b> _____</p> 	<p><b>c</b> _____</p> 	<p><b>d</b> _____</p> 
<p><b>e</b> _____</p> 	<p><b>f</b> _____</p> 	<p><b>g</b> _____</p> 	<p><b>h</b> _____</p> 

2 Fill in the missing numbers on the number line. Use the numbers above to help you.



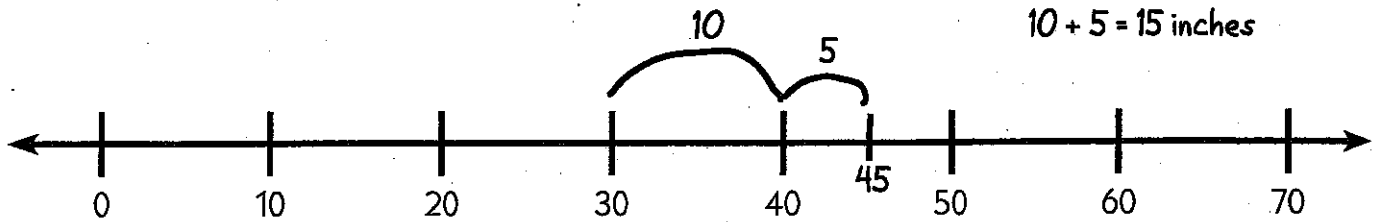
NAME \_\_\_\_\_

DATE \_\_\_\_\_

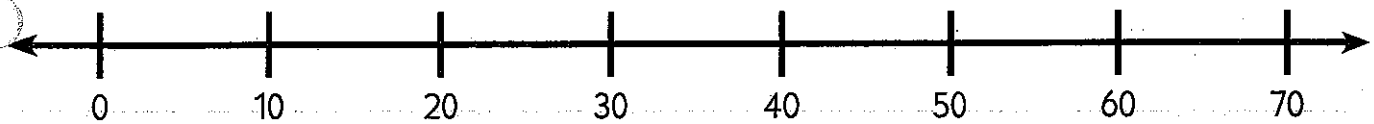
## Determining Differences on a Number Line

### CHALLENGE

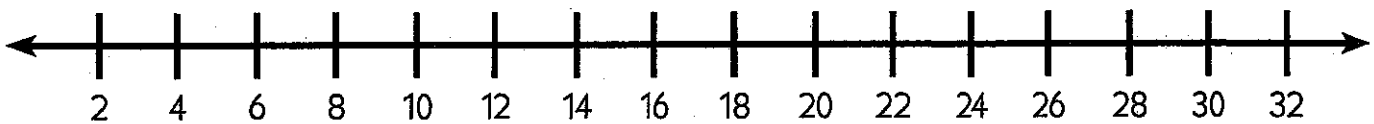
**example** A Gentoo Penguin is about 30 inches tall. An Emperor Penguin is 45 inches tall. Here are some hops along the number line to show the difference between their heights.



**1** King Penguins weigh about 30 pounds. Emperor Penguins weigh about 65 pounds. Take some hops along the number line to find the difference between their weights. Show your hops as you go.



**2** Rockhopper Penguins weigh about 6 pounds. King Penguins weigh about 30 pounds. Take some hops along the number line to find the difference between their weights. Show your hops as you go.



**3** A Rockhopper Penguin is about 18 inches tall. A King Penguin is about 36 inches tall. Take some hops along the number line to find the difference between their heights. Show your hops as you go.



NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Sums & Differences to Ten



## CHALLENGE

1 Solve each addition problem below.

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

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

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

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

$0 + \underline{\quad} = 10$

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

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

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

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

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

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

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

$2 + 3 + \underline{\quad} = 10$

$4 + 5 + \underline{\quad} = 10$

$4 + \underline{\quad} + 2 = 10$

2 Solve each subtraction problem below.

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

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

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

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

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

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

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

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

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

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

$10 - 0 = \underline{\quad}$

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

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

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

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

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

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





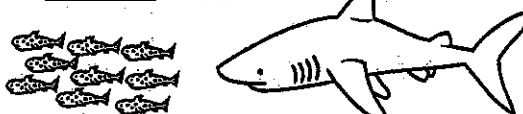





$10 - \underline{\quad} = 10$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Hungry Shark Subtraction

1 Solve each problem.

$\boxed{9} - \boxed{3} = \boxed{\phantom{00}}$ 	$\boxed{9} - \boxed{8} = \boxed{\phantom{00}}$ 
$\boxed{9} - \boxed{5} = \boxed{\phantom{00}}$ 	$\boxed{9} - \boxed{2} = \boxed{\phantom{00}}$ 
$\boxed{9} - \boxed{4} = \boxed{\phantom{00}}$ 	$\boxed{9} - \boxed{6} = \boxed{\phantom{00}}$ 
$\boxed{9} - \boxed{1} = \boxed{\phantom{00}}$ 	$\boxed{9} - \boxed{7} = \boxed{\phantom{00}}$ 
$\boxed{9} - \boxed{0} = \boxed{\phantom{00}}$ 	$\boxed{9} - \boxed{9} = \boxed{\phantom{00}}$ 



NAME \_\_\_\_\_



DATE \_\_\_\_\_

# Ladybug & Spider Legs




## CHALLENGE

Use pictures, numbers and words to show how you solve these problems.

1 There were two ladybugs  and one spider  in the garden.  
How many legs?

There are \_\_\_\_\_ legs.

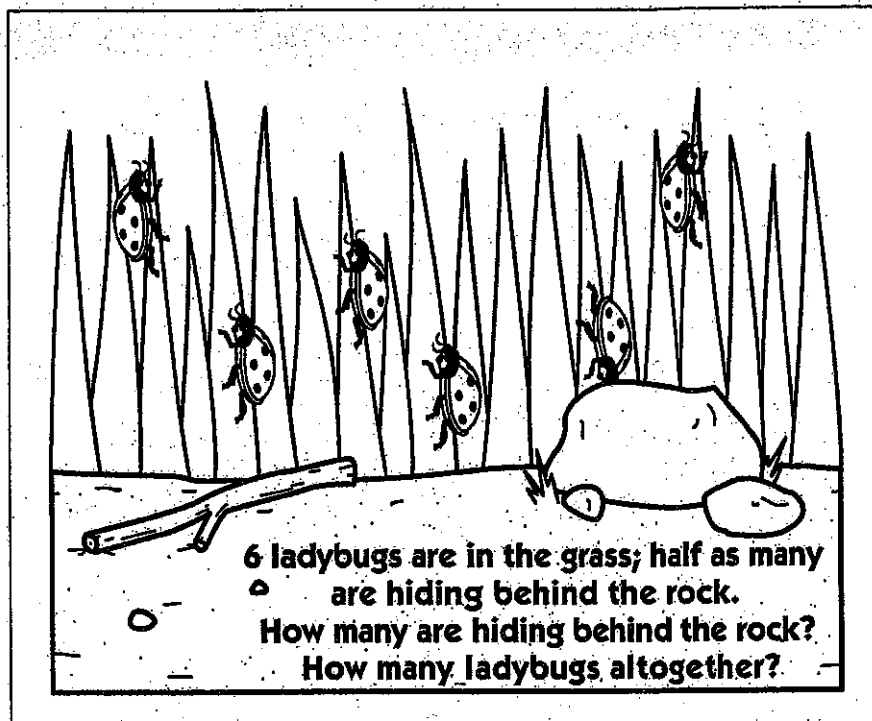
2 18 legs, how many ladybugs? 

There are \_\_\_\_\_ ladybugs.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Ladybugs in the Grass



1 Use pictures, numbers and words to show how you solve the problem:

There are \_\_\_\_\_ ladybugs hiding behind the rock.

There are \_\_\_\_\_ ladybugs altogether.

NAME \_\_\_\_\_




DATE \_\_\_\_\_

## More Bug Problems





### CHALLENGE

Use pictures, numbers and words to show how you solve these problems.

1 7 ladybugs  7 spiders  2 beetles 

How many bugs in all?

There are \_\_\_\_\_ bugs in all.

2 7 ladybugs , 8 beetles . How many antennae?

There are \_\_\_\_\_ antennae.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Fact Families 6's

1 Trace the word and write it again 4 times.

6 six six

2 Fill in the answers for each of the problems.

a Add.

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

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

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

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

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

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

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

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

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

b Subtract.

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

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

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

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

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

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

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

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

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



### CHALLENGE

3 Fill in the missing numbers in the equations below.

$30 + 30 = \underline{\quad}$

$20 + 40 = \underline{\quad}$

$50 + \underline{\quad} = 60$

$10 + \underline{\quad} = 60$

$30 + \underline{\quad} = 60$

$40 + \underline{\quad} = 60$

$20 + \underline{\quad} + 20 = 60$

$40 + \underline{\quad} + 10 = 60$

$40 + 0 + \underline{\quad} = 60$

$30 + 10 + \underline{\quad} = 60$

$10 + 20 + \underline{\quad} = 60$

$50 + 10 + \underline{\quad} = 60$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Adding & Subtracting Tens on the Hundreds Grid

Use the Hundreds Grid to help you find the sum or difference of each of the problems below:

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
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

## 1 Add.

$63 + 10 = \underline{\quad}$

$17 + 10 = \underline{\quad}$

$36 + 10 = \underline{\quad}$

$10 + 25 = \underline{\quad}$

$74 + 10 = \underline{\quad}$

$10 + 38 = \underline{\quad}$

$59 + 10 = \underline{\quad}$

$10 + 82 = \underline{\quad}$

$47 + 10 = \underline{\quad}$

## 2 Subtract.

$41 - 10 = \underline{\quad}$

$85 - 10 = \underline{\quad}$

$25 - 10 = \underline{\quad}$

$77 - 10 = \underline{\quad}$

$52 - 10 = \underline{\quad}$

$31 - 10 = \underline{\quad}$

$55 - 10 = \underline{\quad}$

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

$96 - 10 = \underline{\quad}$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Counting Coins

Use the information below to help solve the problems.



dime  
10 cents  
10¢



nickel  
5 cents  
5¢



penny  
1 cent  
1¢



1 Write the value of the coins in each row.

a		40¢
b		15¢
c		5¢
d		20¢
e		20¢
f		35¢

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Bugs in the House Subtraction

<p><b>example a</b></p>  <p style="text-align: center;"><math>6 - 4 = 2</math></p>	<p><b>example b</b></p>  <p style="text-align: center;"><math>6 - 3 = 3</math></p>
---	--

**1** Fill in the blank.

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

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

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

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

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

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

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

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

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

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

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

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

**2** Solve the subtraction problems.

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

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

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

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$$

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

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$$

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

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



















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

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Crabs Have Ten Legs & Two Eyes

Write the correct number word for each row. Write the number of legs and eyes in the boxes.

1					
2					
3					
4					
5					
6					

- 1 one    2 two    3 three    4 four    5 five    6 six



NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Fast Tens

1 Write the answer to each problem:

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

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

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

$10 + 0 = \underline{\quad}$

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

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

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

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

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

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

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

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

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

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

$0 + 10 = \underline{\quad}$

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

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

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

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

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

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

2 Fill in the missing numbers.

a Count by 1's.

10, 11, \_\_\_\_\_, 13, \_\_\_\_\_, \_\_\_\_\_, 16, 17, \_\_\_\_\_, \_\_\_\_\_, 20

b Count by 10's.

10, 20, \_\_\_\_\_, 40, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 80, \_\_\_\_\_, 100

c Count by 5's.

5, 10, 15, \_\_\_\_\_, \_\_\_\_\_, 30, \_\_\_\_\_, 40 \_\_\_\_\_, \_\_\_\_\_, 55, \_\_\_\_\_, \_\_\_\_\_, 70

d Count backwards by 1's.

14, 13, \_\_\_\_\_, 11, \_\_\_\_\_, 9, 8, \_\_\_\_\_, \_\_\_\_\_, 5, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 1



## CHALLENGE

3 Fill in the missing numbers.

a Count by \_\_\_\_\_ 's.

b 3, 5, \_\_\_\_\_, 9, 11, \_\_\_\_\_, \_\_\_\_\_, 17, \_\_\_\_\_, \_\_\_\_\_, 23, \_\_\_\_\_, 27 \_\_\_\_\_, 31

NAME \_\_\_\_\_

DATE \_\_\_\_\_


## Crab & Sea Star Problems

Use pictures, numbers, and words to show how you solve the problems.

1 There were 7 crabs  and 5 sea stars .

How many arms and legs altogether?

There are \_\_\_\_\_ arms and legs altogether.

2  There were 55 arms. How many sea stars?

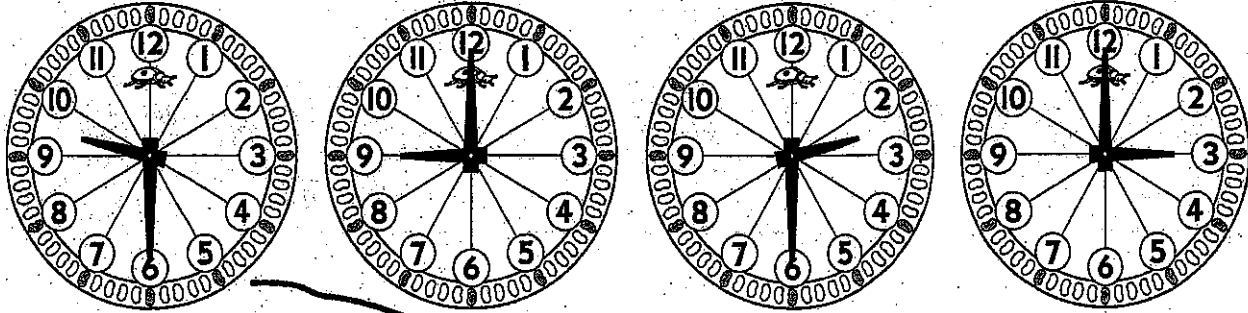
There are \_\_\_\_\_ sea stars.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Two Kinds of Clocks

1 Draw lines between the clocks that show the same time.



2 Draw the hour hand and minute hand to match the times below each clock:

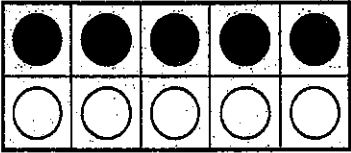
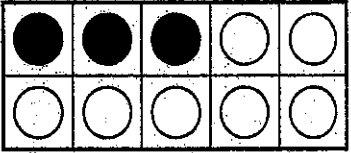
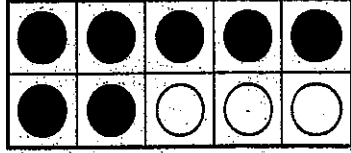
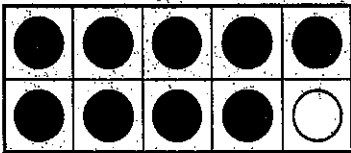
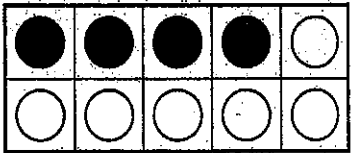
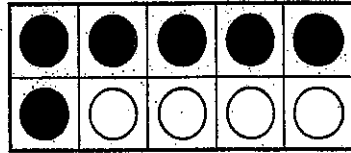
<p>a</p>	<p>b</p>	<p>c</p>
----------	----------	----------

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Make Ten Addition

1 Write an equation to match each ten frame.

<p><b>a</b></p>  <p><math>5 + 5 = 10</math></p>	<p><b>b</b></p> 	<p><b>c</b></p> 
<p><b>d</b></p> 	<p><b>e</b></p> 	<p><b>f</b></p> 

2 Solve each problem below.

$_____ + 6 = 10$

$_____ + 9 = 10$

$_____ + 7 = 10$

$_____ + 8 = 10$

$_____ + 4 = 10$

$_____ + 5 = 10$

$9 + _____ = 10$

$2 + _____ = 10$

$4 + _____ = 10$

$5 + 4 + 1 = _____$

$7 + 2 + 1 = _____$

$1 + 2 + 3 + 4 = _____$

$3 + 3 + _____ = 10$

$5 + 1 + _____ = 10$







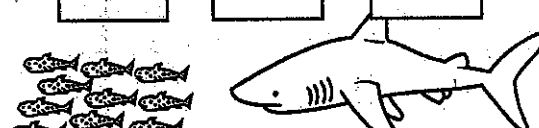

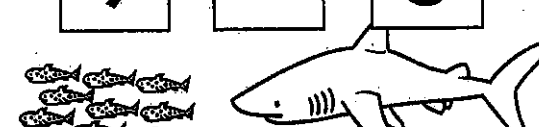
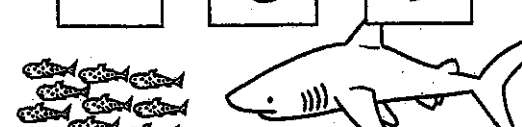
$1 + 8 + _____ = 10$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Hungry Shark Subtraction What's Missing?

1 Fill in the empty box for each problem.

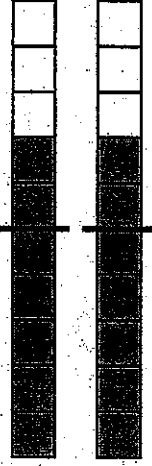
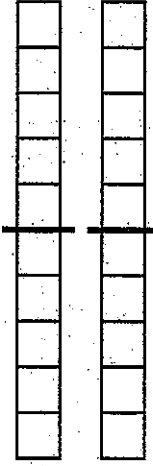
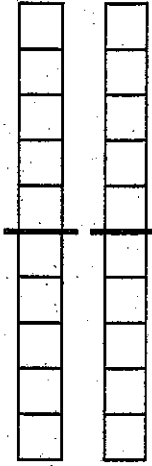
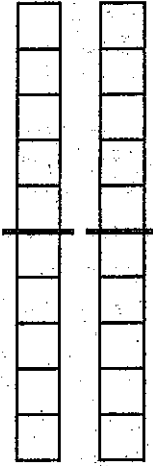
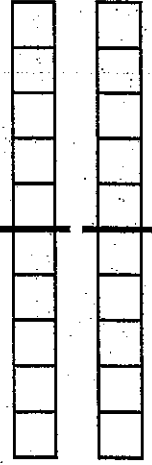
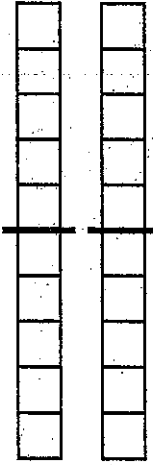
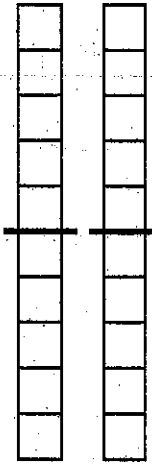
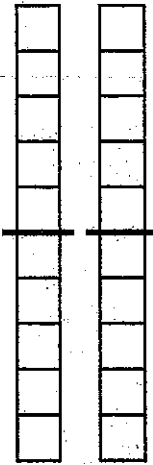
$10 - \square = 3$ 	$8 - \square = 4$ 
$9 - 3 = \square$ 	$10 - \square = 5$ 
$\square - 6 = 2$ 	$9 - \square = 5$ 
$10 - \square = 4$ 	$\square - 2 = 6$ 
$9 - \square = 3$ 	$\square - 3 = 7$ 

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Doubles & Neighbors

Color the ten-strips to match each addition problem. Solve each equation.

<p><b>example</b></p>  $\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array}$	<p><b>1</b></p>  $\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	<p><b>2</b></p>  $\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	<p><b>3</b></p>  $\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$
<p><b>4</b></p>  $\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	<p><b>5</b></p>  $\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$	<p><b>6</b></p>  $\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$	<p><b>7</b></p>  $\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$

NAME \_\_\_\_\_

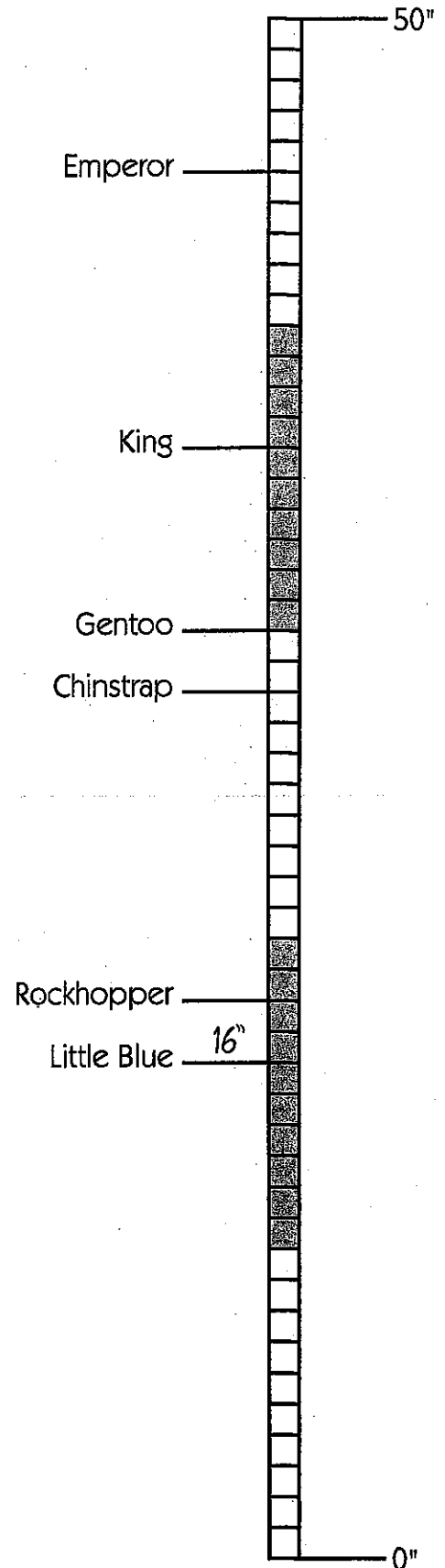
DATE \_\_\_\_\_

# Comparing Penguin Heights

Each square represents 1 inch.

**1** Figure out how many inches tall each kind of penguin is. Write the number of inches on the line beside each penguin's name.

**2** How much taller is the Emperor penguin than the Gentoo penguin? Show how you figured it out.



## CHALLENGE

**3** How much taller are you than the Gentoo penguin? Show how you figured it out.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Doubles & Halves** Addition & Subtraction**1** Add.

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

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

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

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

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

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

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

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

$11 + 11 = \underline{\quad}$

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

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

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

**2** Subtract.

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

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

$20 - 10 = \underline{\quad}$

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

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

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

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

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

$1 - 0 = \underline{\quad}$

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

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

$22 - 11 = \underline{\quad}$

**CHALLENGE****3** Add or subtract.

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

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

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

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

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

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

$$\begin{array}{r} 1,000 \\ + 1,000 \\ \hline \end{array}$$

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

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

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

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

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

$$\begin{array}{r} 800 \\ - 400 \\ \hline \end{array}$$

$$\begin{array}{r} 2,000 \\ - 1,000 \\ \hline \end{array}$$



NAME \_\_\_\_\_

DATE \_\_\_\_\_

## More Doubles & Neighbors Addition

**1** Solve each doubles problem.

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

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

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

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

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

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

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

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

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

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

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

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

**2** Solve each neighbors problem.

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

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

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

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

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

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

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

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

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



### CHALLENGE

**3** Solve each doubles or neighbors problem.

$25 + 25 = \underline{\quad}$

$25 + 26 = \underline{\quad}$

$26 + 26 = \underline{\quad}$

$26 + 27 = \underline{\quad}$

$27 + 27 = \underline{\quad}$

$27 + 28 = \underline{\quad}$

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

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

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

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

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

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

$$\begin{array}{r} 100 \\ +100 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ +40 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ +30 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ +50 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ +60 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ +70 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ +300 \\ \hline \end{array}$$

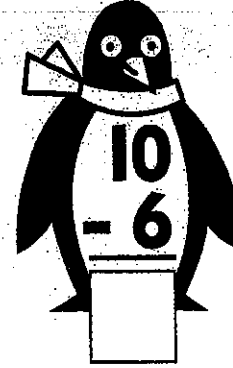
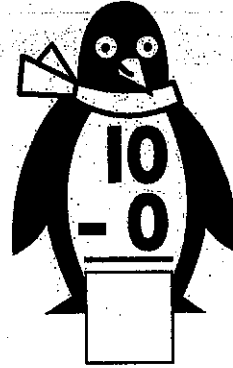
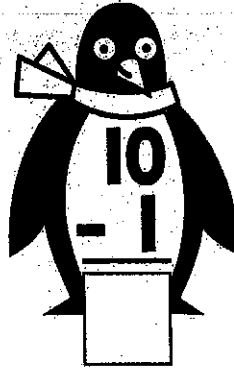
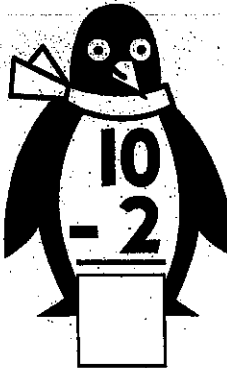
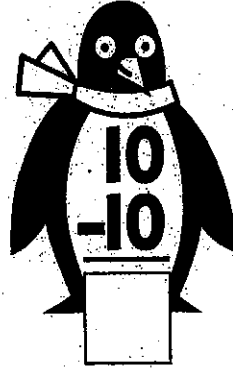
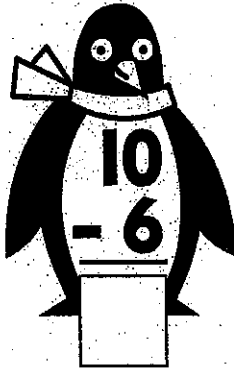
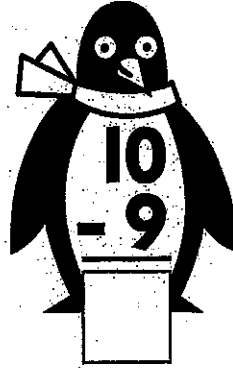
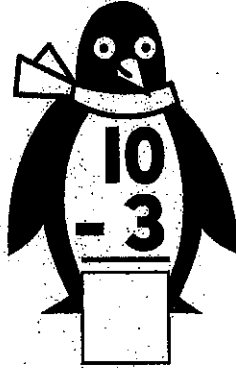
$$\begin{array}{r} 400 \\ +500 \\ \hline \end{array}$$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Penguin Subtraction

1 Find the difference for each problem below:



2 Fill in the missing number.

$_____ - 7 = 3$

$10 - _____ = 6$

$10 - _____ = 2$

$_____ - 4 = 6$

$10 - _____ = 1$

$10 - _____ = 5$

$_____ - 8 = 2$

$10 - _____ = 0$

$10 - _____ = 10$

$10 - _____ = 3$

$10 - _____ = 4$

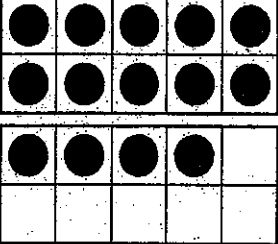
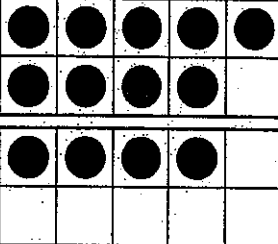
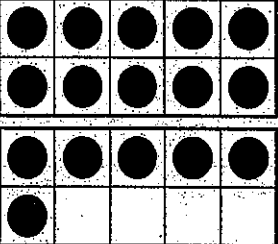
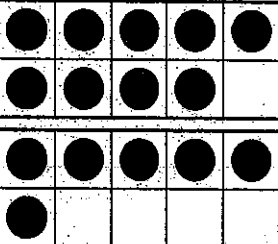
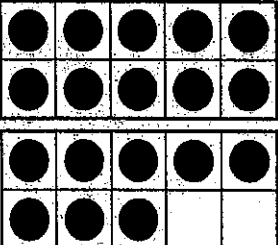
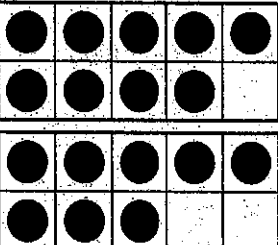
$10 - _____ = 7$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Fast Nines & Fast Tens Addition

1 Solve each problem below:

<p><b>a</b></p>  <p style="text-align: center;"><math>10 + 4 = \underline{\quad}</math></p>	<p><b>b</b></p>  <p style="text-align: center;"><math>9 + 4 = \underline{\quad}</math></p>
<p><b>c</b></p>  <p style="text-align: center;"><math>10 + 6 = \underline{\quad}</math></p>	<p><b>d</b></p>  <p style="text-align: center;"><math>9 + 6 = \underline{\quad}</math></p>
<p><b>e</b></p>  <p style="text-align: center;"><math>10 + 8 = \underline{\quad}</math></p>	<p><b>f</b></p>  <p style="text-align: center;"><math>9 + 8 = \underline{\quad}</math></p>

2 Fill in the blank.

$10 + 0 = \underline{\quad}$        $9 + 0 = \underline{\quad}$

$10 + 3 = \underline{\quad}$        $9 + 3 = \underline{\quad}$

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

$10 + 7 = \underline{\quad}$        $9 + 7 = \underline{\quad}$

$10 + 2 = \underline{\quad}$        $9 + 2 = \underline{\quad}$

$10 + 5 = \underline{\quad}$        $9 + 5 = \underline{\quad}$

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

$4 + 10 = \underline{\quad}$        $4 + 9 = \underline{\quad}$

$6 + 10 = \underline{\quad}$        $6 + 9 = \underline{\quad}$

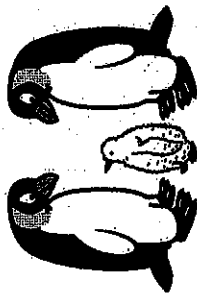
$8 + 10 = \underline{\quad}$        $8 + 9 = \underline{\quad}$

$10 + \underline{\quad} = 17$        $9 + \underline{\quad} = 17$

NAME \_\_\_\_\_ DATE \_\_\_\_\_

# Penguin Families

1 How many penguins in each row?



one family



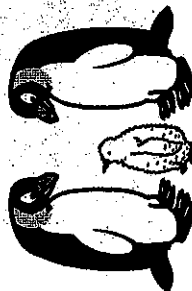
two families



three families



four families



five families

2 Fill in the counting by 3's numbers:

1	2	4	5	7	8	10
11		13	14	16	17	19
		22	23	25	26	28
31	32	34	35	37	38	40
41		43	44	46	47	49
						50

NAME \_\_\_\_\_

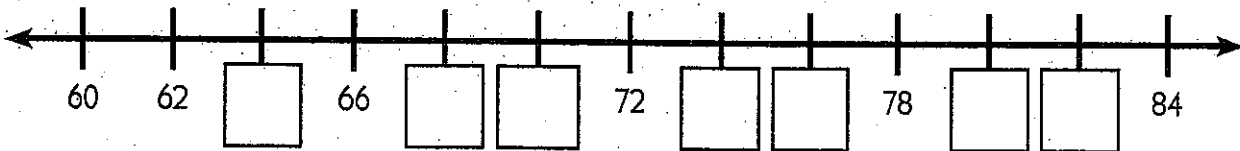
DATE \_\_\_\_\_

## Skip Counting by 2's

**1a** Fill in the missing numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13		15	16	17		19	20
21		23	24	25		27	28	29	
31	32	33		35	36	37		39	40
41		43	44	45		47	48	49	

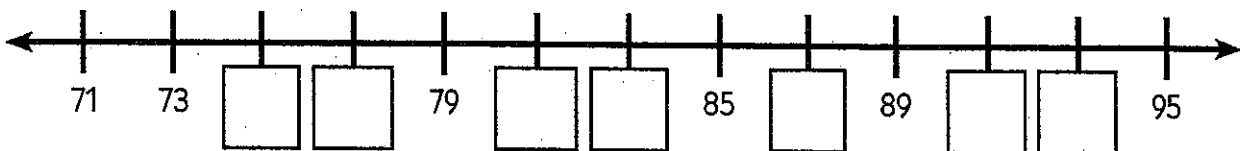
**b** Write the missing numbers on the line.



**2a** Fill in the missing numbers.

1	2	3	4	5	6	7	8	9	10
11	12		14	15	16		18	19	20
	22	23	24		26	27	28		30
31	32		34	35	36		38	39	40
	42	43	44		46	47	48		50

**b** Write the missing numbers on the line.



**3** Solve the problems below:

$34 + 2 = \underline{\quad}$

$44 + 2 = \underline{\quad}$

$26 + 2 = \underline{\quad}$

$11 + 2 = \underline{\quad}$

$17 + 2 = \underline{\quad}$

$43 + 2 = \underline{\quad}$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Adding & Subtracting

## 1 Add.

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

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

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

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

$$\begin{array}{r} 10 \\ + 0 \\ \hline \end{array}$$

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

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

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

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

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

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

$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

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

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

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

## 2 Subtract.

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

$$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$$

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

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

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

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

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

## 3 True or False? Circle one.

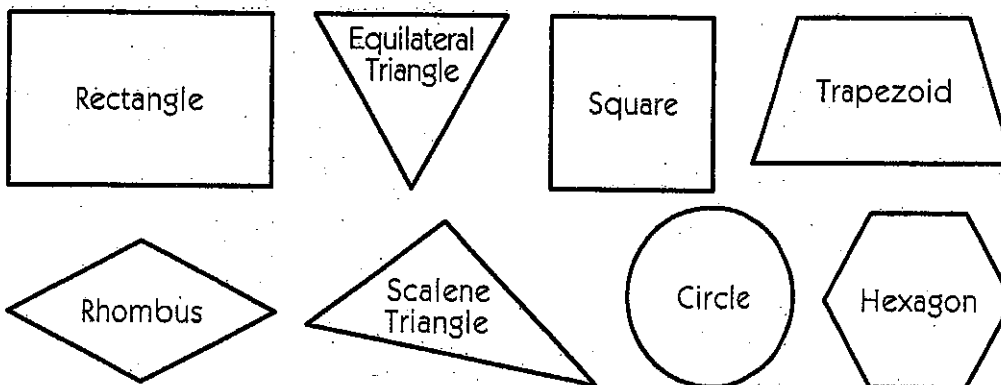
<b>a</b> $3 + 4 = 8$	T	F	<b>b</b> $9 = 3 + 4 + 2$	T	F
<b>c</b> $7 + 5 + 4 = 15$	T	F	<b>d</b> $1 + 2 + 7 = 10$	T	F
<b>e</b> $2 + 3 + 3 = 10$	T	F	<b>f</b> $8 = 3 + 5 + 0$	T	F
<b>g</b> $9 - 3 = 5$	T	F	<b>h</b> $8 - 5 = 2$	T	F
<b>i</b> $10 - 4 = 6$	T	F	<b>j</b> $10 - 8 = 3$	T	F



NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Which Shape Is It? Riddles, page 2



Solve the riddles below. Write the name of the shape in each riddle box. Then circle the word to tell if it is a polygon or a nonpolygon.

### 1 Clues

- My shape has 4 corners.
- My shape has 4 equal sides.
- My shape is not a square.

Can you guess my shape?

a It is a \_\_\_\_\_.

b Circle one: polygon or nonpolygon

### 2 Clues

- My shape has 3 sides.
- My shape has 3 corners.
- Each of its sides is a different length.

Can you guess my shape?

a It is a \_\_\_\_\_.

b Circle one: polygon or nonpolygon

### 3 Clues

- My shape does not have 4 corners.
- My shape does not have 3 sides.
- My shape has no straight sides.

Can you guess my shape?

a It is a \_\_\_\_\_.

b Circle one: polygon or nonpolygon

### 4 Clues

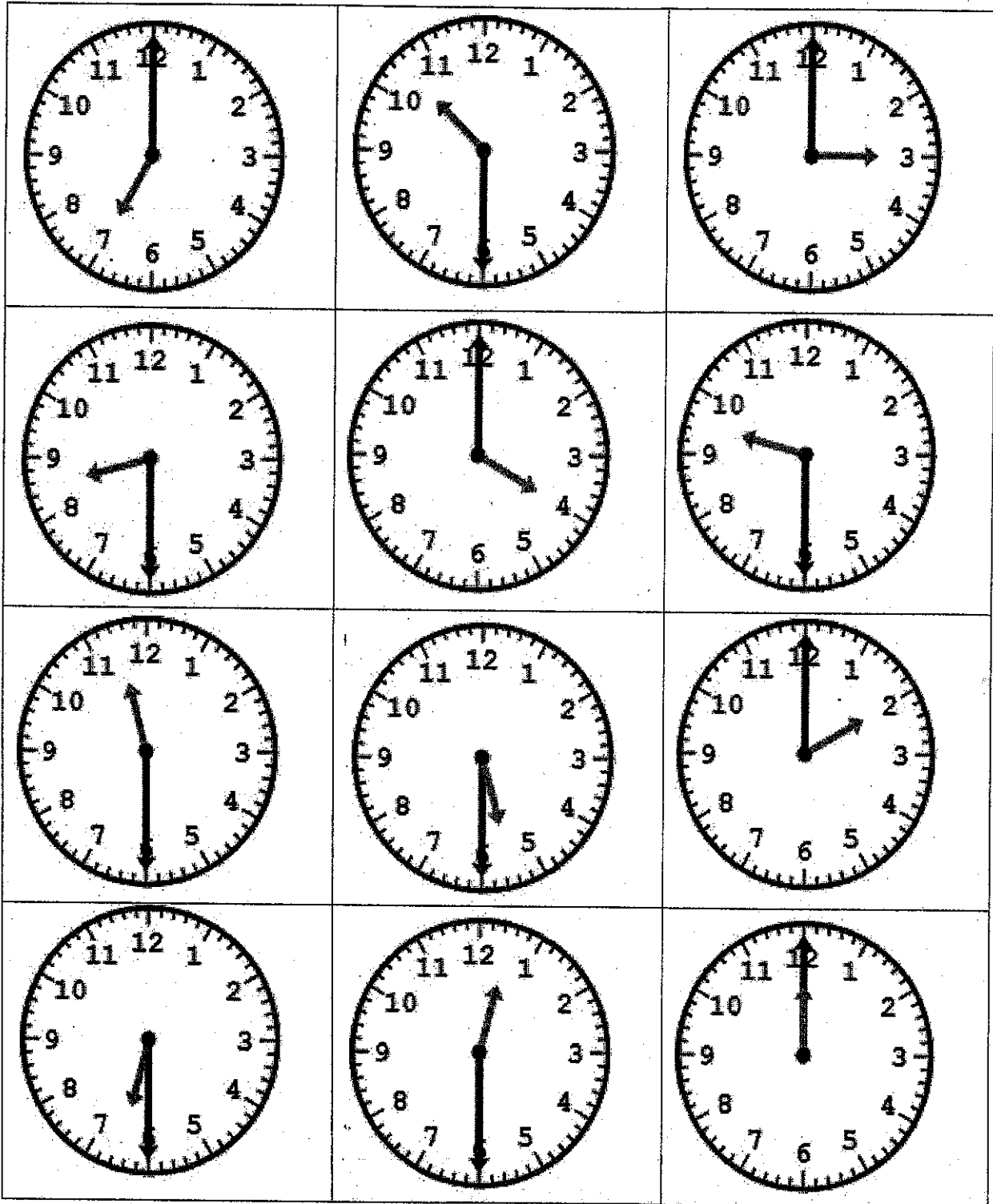
- My shape has more than 3 sides.
- My shape has more than 4 sides.
- My shape has 6 corners.

Can you guess my shape?

a It is a \_\_\_\_\_.

b Circle one: polygon or nonpolygon





**Cut apart the cards on this page and the next page to make a matching game.**

<b>7:00</b>	<b>10:30</b>	<b>3:00</b>
<b>8:30</b>	<b>4:00</b>	<b>9:30</b>
<b>11:30</b>	<b>5:30</b>	<b>2:00</b>
<b>6:30</b>	<b>12:00</b>	<b>12:30</b>