

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math

**= Do it  
in your  
head!**

A            B

C

D

<u>E</u>	<u>F</u>
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1	180
1	181

$$\overline{G}$$

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\_\_\_\_\_ y \_\_\_\_\_ v \_\_\_\_\_

5 before 16 \_\_\_\_\_

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

+		1	7	1
6	7		13	7
	$6 + \underline{\quad}$	$6 + \underline{1}$	$6 + \underline{7}$	$6 + \underline{1}$
7			14	
	$7 + \underline{\quad}$	$7 + \underline{1}$	$7 + \underline{7}$	$7 + \underline{1}$
7		8		
	$7 + \underline{\quad}$	$7 + \underline{1}$	$7 + \underline{7}$	$7 + \underline{1}$
4	5	5		
	$4 + \underline{\quad}$	$4 + \underline{1}$	$4 + \underline{7}$	$4 + \underline{1}$

Trace. Then complete the sentence.

I will go home.

I will go outside.

I will go \_\_\_\_\_

Write the missing sign.

10  $\underline{\quad}$  4 = 14

Count by 10s.

36  $\underline{\quad}$  56

7 + 7 =

9 + 4 =

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

Nathan wears blue socks. He had 10 blue socks. He lost one. How many socks are left?

There was a softball game on the first day of spring. David's team scored 12 runs. They had 7 runs in the first inning. They had 2 runs in the third inning. They made the rest of the runs in the fifth inning. How many runs did they make in the fifth inning?

Rose sorted the pecans. She made three piles. She put the biggest pecans in the first pile. She put the medium pecans in the second pile. She put the smallest pecans in the third pile. There were 60 pecans in all. There were 12 pecans in the first pile. There were 23 pecans in the second pile. How many pecans were in the third pile?

On Monday Miss Garcia served 91 cups of yogurt. On Tuesday she served 75 cups of yogurt. How many more cups did she serve on Monday than she did on Tuesday?

Start each with 10.

Write 1 more \_\_\_\_\_

Write 1 less \_\_\_\_\_

Write 10 more \_\_\_\_\_

four

13 - 7

Write the missing letter to spell can.

c\_n    ca\_    \_an

7 + 3 =

4 + 8 =

8 + 6 =

8 + 9 =

9 + 9 =

4 + 4 =

8 + 9 =

8 + 5 =

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

6	+1		+1		-1		+3		+1
			-3		-2				-2
-1		+2						+1	
					-3			-3	
+2		-3		+2	7			+3	4

C	D	E	F	G	H	I	J	K
•	•	•	•	•	•	•	•	•

Unscramble:

**T A T S R**

•	•	•	•	•
---	---	---	---	---

word root **di** can mean **day**

**diary**

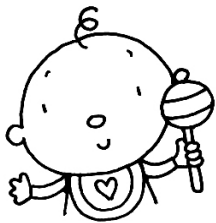
Name: \_\_\_\_\_

Eric sees 8 stars. Jason sees 10 more stars. How many stars do they see in all?

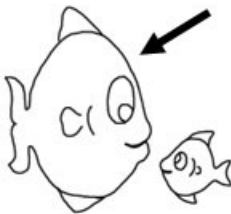
Rosa went fishing. She caught 2 big fish. She caught an old shoe. She caught 3 little fish. She caught 1 more big fish. How many fish did she catch in all?

Amanda saw a red bug. Jason saw six white bugs. How many more bugs did Jason see?

Write the missing vowel.



b \_ \_ by



b \_ \_ g



g \_ \_ t

Write the missing vowel.



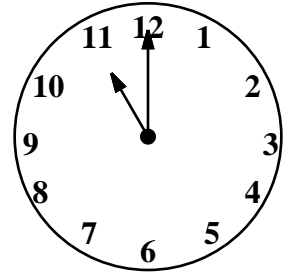
mo \_ \_ n



c \_ \_ p

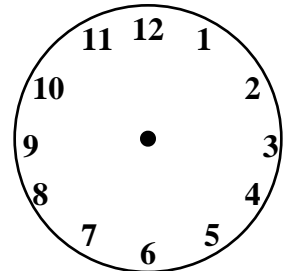


fe \_ \_ t



\_\_\_\_\_ : \_\_\_\_

Show 3 o'clock.



Draw 10 tally marks.

$$3 + 5$$

Count by 3s.

9      12      \_\_\_\_\_

$$7 + 4$$



word root **sub** can mean **below** or **under**

**submarine**

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

Trace and write.

\_\_\_\_\_  
ran ran ran ran \_\_\_\_\_

How many?



\_\_\_\_\_

Write the missing numbers.

\_\_\_\_\_  
5, \_\_\_\_\_, 7, 8, \_\_\_\_\_, 10, 11

Look at the cake pattern. Draw the missing candles on the cake.



8



4



7



8



4



7



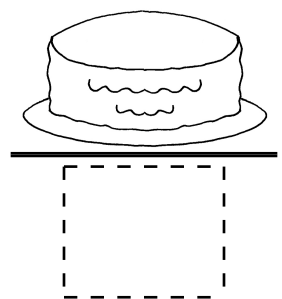
8



4



7



Print the letter B.

B

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


What is ten less than 65?

$$46 - \underline{\quad} = 36$$

18,     , 20,     ,     ,  
    , 24

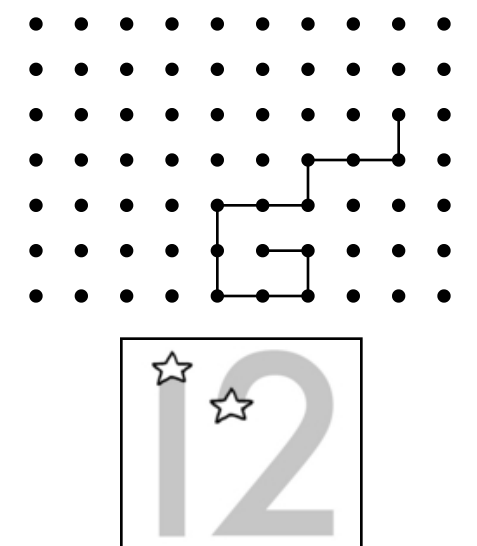
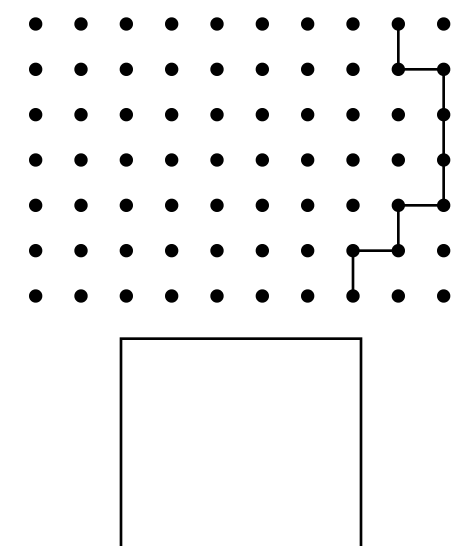
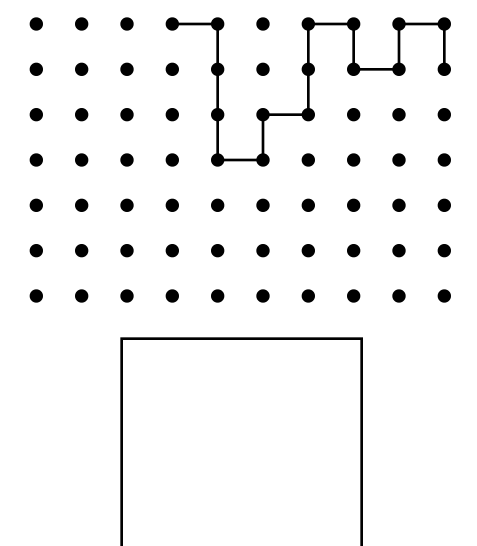
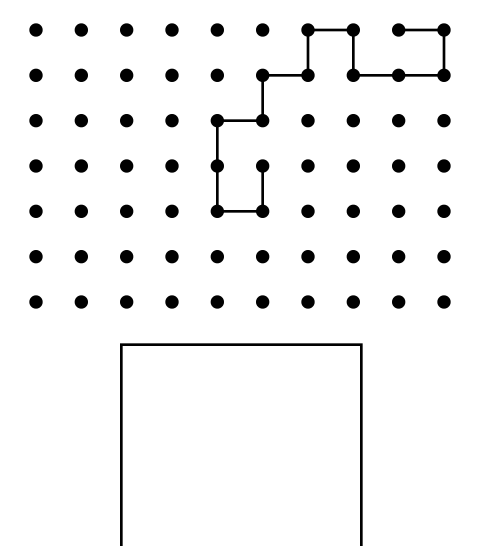
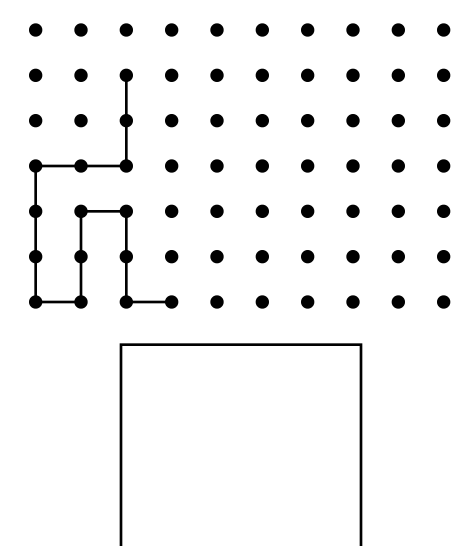
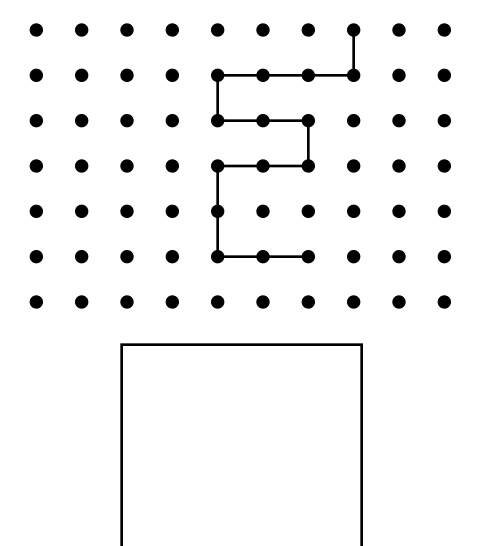
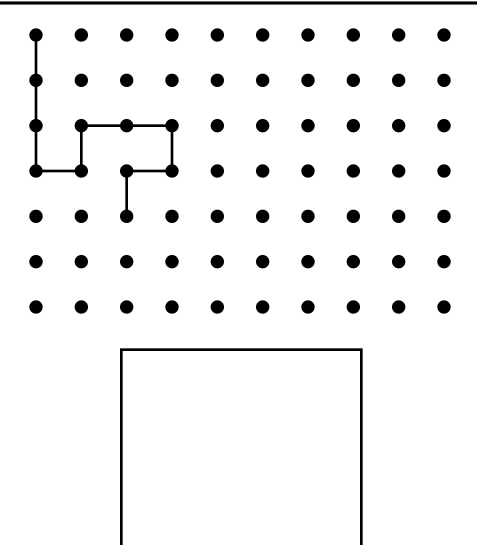
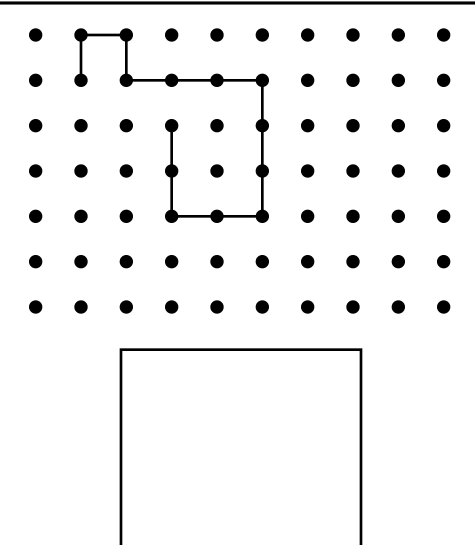
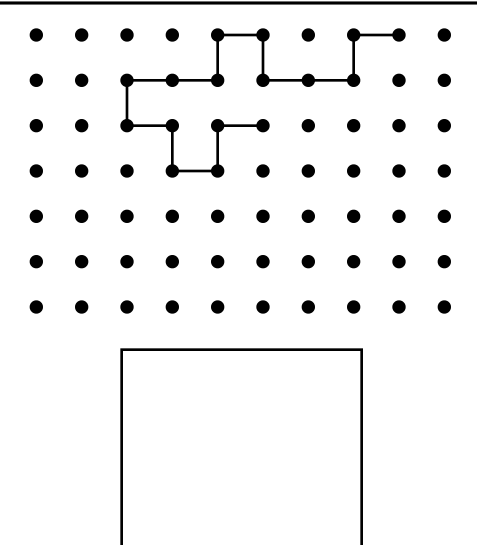
Emma likes stickers. She had 12 of them. She put 3 stickers on her computer and 4 stickers on her book. She gave the rest to Holly. How many did she give to Holly?

$$\begin{aligned} 4 \text{ tens} + 4 \text{ ones} &= 44 \\ 3 \text{ tens} + 9 \text{ ones} &= \underline{\quad} \\ 5 \text{ tens} + 2 \text{ ones} &= \underline{\quad} \\ 1 \text{ ten} + 0 \text{ ones} &= \underline{\quad} \end{aligned}$$

Write these numbers in order from largest to smallest.

60, 46  
    ,     

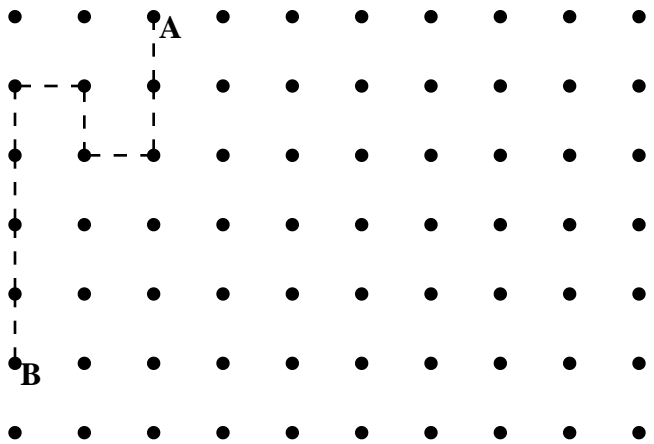
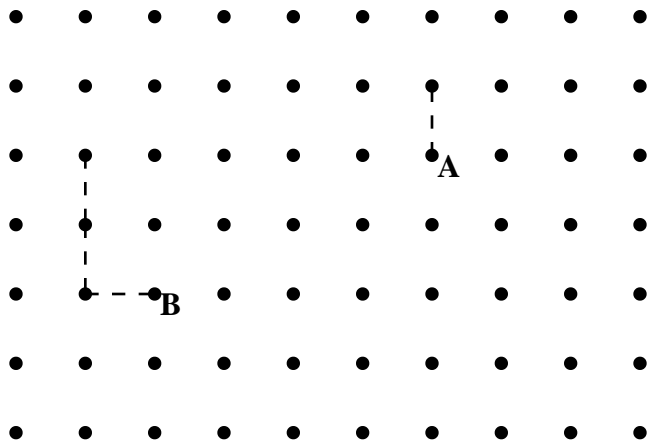
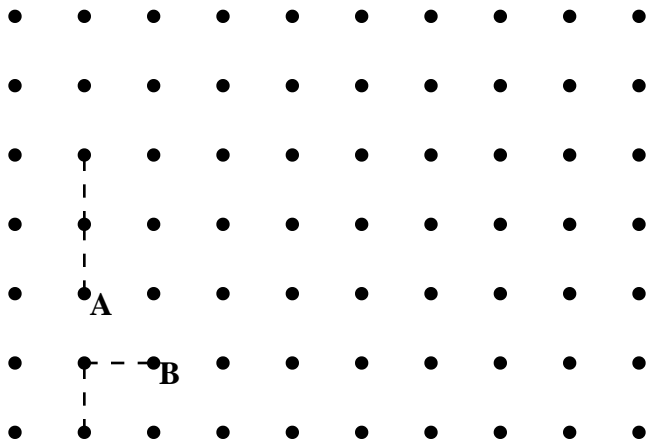
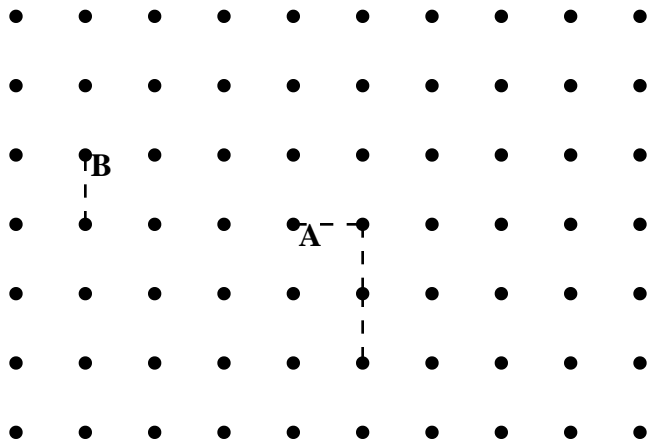
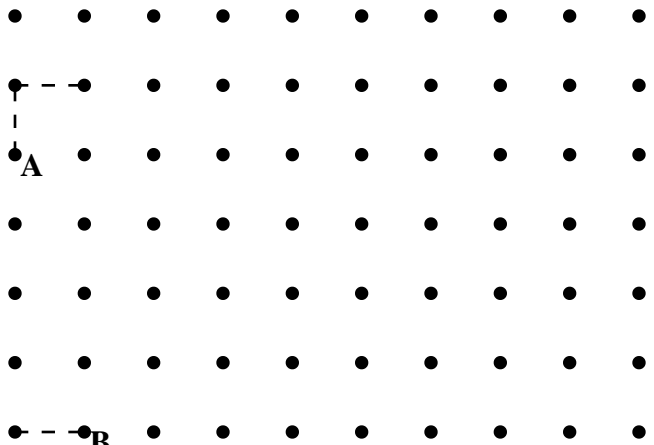
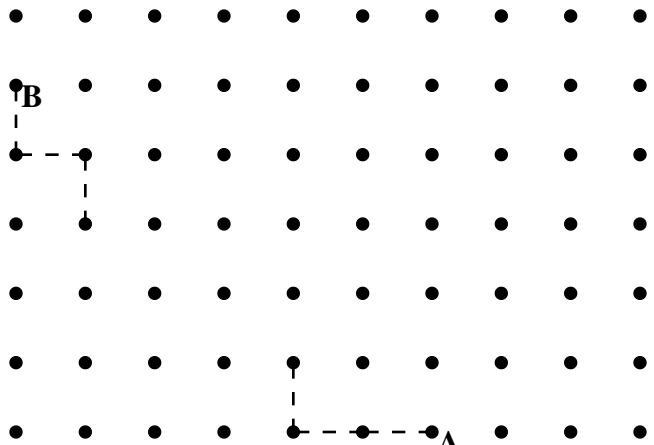
**SWING** W D W N I S W R I N G S W I N G K H N Q G  
**WISH** I N W S H H R W P W O S H H I H A W I S H



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

**Draw a line from A to B with the given length. You can go horizontal or vertical. Do not cross lines. You can go to a dot only once.**

 <p>Length = 9</p>	 <p>Length = 12</p>
 <p>Length = 12</p>	 <p>Length = 14</p>
 <p>Length = 9</p>	 <p>Length = 11</p>

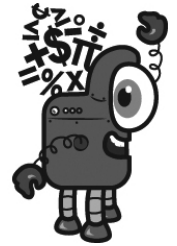
Name: \_\_\_\_\_

Mental Math

— #1 —

■ Start with the number 2.

2



■ Divide by 2.

4 3 8 1 2 2 7 5 3 9 (Circle your answer to double check you are correct.) \_\_\_\_\_

■ Increase that number by 4.

7 8 1 3 6 2 8 5 3 1

\_\_\_\_\_

■ Add 3 tens.

1 3 5 8 4 7 5 1 6 1

\_\_\_\_\_

■ Add the number of legs on 2 pigs.

4 3 2 3 5 1 3 9 7 7

\_\_\_\_\_

■ Increase that number by 4.

2 1 4 7 8 4 9 6 4 4

\_\_\_\_\_

■ Add 3 tens.

5 7 7 2 7 7 6 2 4 0

\_\_\_\_\_

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

$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$
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The lights went out.

The lights went out.

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**VERY** V E Y C Y Y Z R L M Q V T V E R Y N R E Y

**VOTE** U Y W B V E V O T E G X T K Q P V O T R E

**BED** E T D P S K V B Z B E E H D D D B E D E H

**ANY** E N Y Z W N S A E N B Y X A A N Y J V D P

**GIVING** I G I G G I H V I H N N V G I G I V I N G

**FREE** I E F R E E D O F R U E R J S X R F F M H

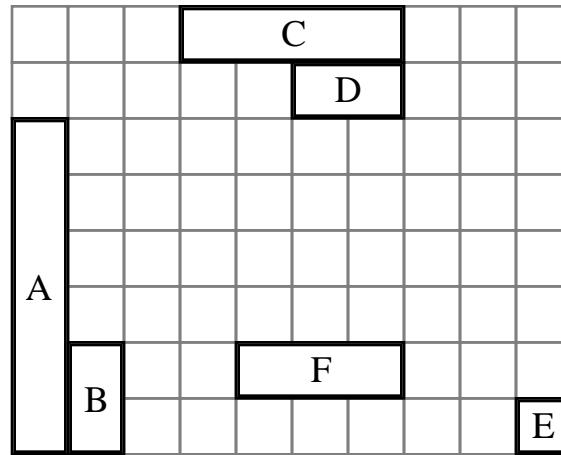
**WHY** Y W A H W W X W H Y K W O I I P L M J Z S

**BEE** V E R E T A B E B E E G L B O E B E X K S

word root **hum** can mean **earth**

**humble, exhume**

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



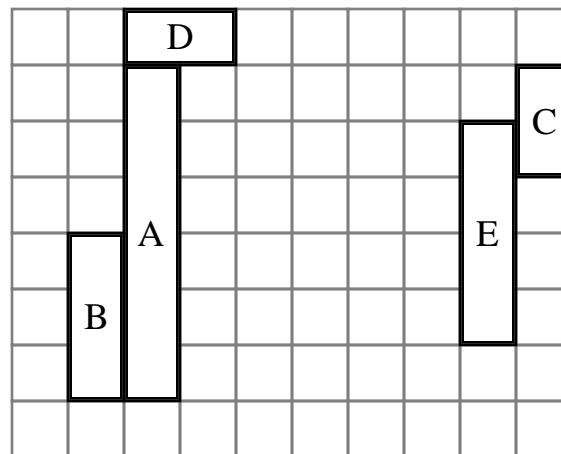
Rectangle D is \_\_\_\_\_ units long.

Rectangle \_\_\_\_\_ is the longest rectangle.

Rectangle F is larger than rectangle \_\_\_\_\_

Rectangle F is \_\_\_\_\_ units long.

Rectangle C is shorter than rectangle \_\_\_\_\_



Rectangle C is \_\_\_\_\_ units long.

Rectangle \_\_\_\_\_ is the longest rectangle.

Rectangle C is same length as rectangle \_\_\_\_\_

Rectangle A is \_\_\_\_\_ units long.

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

3 6 9 12 15 18 21

3 6 9  15 18

165   174

27   36 39

183   192

114 117 120

189  195

15  21  27 30

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

If you add 6 to a secret number, the answer is 9.

What is the secret number?

One more than seven is \_\_\_\_\_.

Five more than \_\_\_\_\_ is nine.

\_\_\_\_\_ more than three is ten.

Hint: Finish the sentences by spelling the number.

If you add 3 to a secret number, the answer is 10.

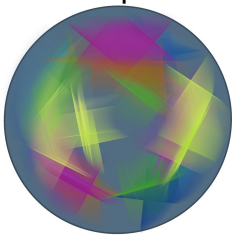
What is the secret number?

2 more than 3 is \_\_\_\_\_.

3 more than \_\_\_\_\_ is 10.

\_\_\_\_\_ more than 3 is 8.

Maria is the school bus driver and has three stops. She picks up 3 kids at her first stop and 3 kids at her second stop. If everyone is going to school and she picks up 14 kids every school day, how many kids will she pick up at her last stop?



\_\_\_\_\_ kids

Maria is playing a fun game called Pets World where she takes care of pets. Maria has too many pets! So she decided to give 8 of them away. She gave some to Amanda and some to Emma. Amanda got 2 more pets from Maria than Emma did.

How many pets did Maria give Amanda?

How many pets did Maria give Emma?

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

Complete each pattern, using the same rule. Write what the rule is.

7, \_\_\_\_\_, \_\_\_\_\_, 13, 15, 17

15, \_\_\_\_\_, \_\_\_\_\_, 21, \_\_\_\_\_, \_\_\_\_\_, 27, 29, 31

9, \_\_\_\_\_, 13, 15, 17, 19, \_\_\_\_\_, \_\_\_\_\_

Find the missing numbers. These both have the same rule. What is the rule?

If

$$1, 1 = 2$$

$$2, 2 = 4$$

$$3, 3 = 6$$

$$4, 4 = 8$$

Then

$$5, 5 = ?$$

If

$$5, 5 = 10$$

$$6, 6 = 12$$

$$7, 7 = 14$$

$$8, 8 = 16$$

Then

$$9, 9 = ?$$

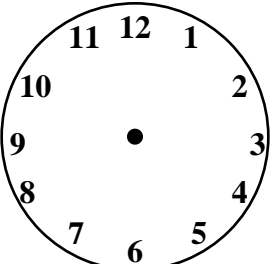
Name: \_\_\_\_\_

<p>Cross out the <b>larger</b> number.</p> <hr/> <p>47                      55</p> <hr/> <p>84                      88</p> <hr/> <p>95                      96</p> <hr/>	<p>h n u e w u</p> <p>h d d n o n</p> <p>h o v p d d</p> <p>n e o b n e</p> <p>k w h o a r</p> <p>d y o b j t</p>	<p>Count by 1.</p> <p>4        _____        7        _____</p> <p>_____ is 2 more than 4.</p>	
	<p>Word Bank</p> <p>who                      under</p>	<p>13 - 6</p>	<p>5 + 9 = <input type="text"/></p>
			<p>5 + 3 = <input type="text"/></p>

\_\_\_\_\_ + 2 = \_\_\_\_\_

\_\_\_\_\_ + 1 = \_\_\_\_\_

<p>What is the difference for 11 - 2?</p> <p><input type="radio"/> 0        <input type="radio"/> 1        <input type="radio"/> 9</p> <p><input type="radio"/> 11</p>	<p>5 + 8 = _____</p> <p><input type="radio"/> 13        <input type="radio"/> 4        <input type="radio"/> 9</p>	<p>12 - 9 = _____</p> <p><input type="radio"/> 13        <input type="radio"/> 3        <input type="radio"/> 15</p>
	<p>6 + 6 = <input type="text"/></p>	<p>9 + 2 = <input type="text"/></p>

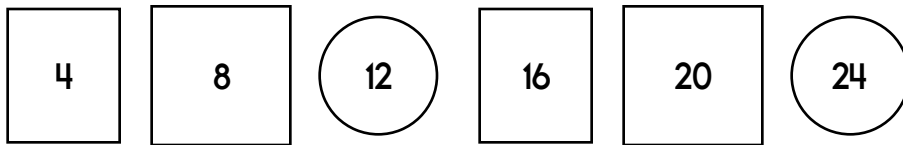
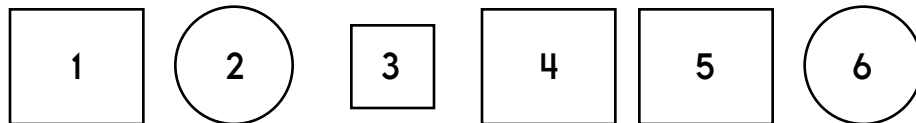
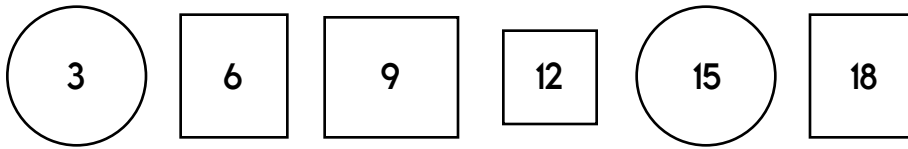
<p>Write the missing letter to spell <b>been</b>.</p> <p>b_en        bee_        be_n</p>	<p>Circle the words.</p> <p>ballfeetaskdarkcupjustcallclub</p> <p>sleepjustdarkcoldthesesuchask</p> <p>tellstrawasksuchplannamesleep</p>
<p>Show 10 o'clock.</p> 	<p>8 + 2</p>

4 + 4 = <input type="text"/>	5 + 9 = <input type="text"/>	4 + 6 = <input type="text"/>
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Name: \_\_\_\_\_

Complete the pattern.

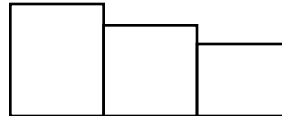


Jacob has nine math problems to do for his homework. He has already done three of them. How many math problems does Jacob have left to do?

He has \_\_\_\_\_ math problems left.

Write the words into the boxes.

our  
him



Which shows a way to take apart 3?

☐  $5 + 1 = 6$

☐  $3 - 2 = 1$

☐  $3 + 3 = 6$

What is the sum of  $5 + 2 + 5$ ?

☐ 6      ☐ 8      ☐ 12

☐ 13

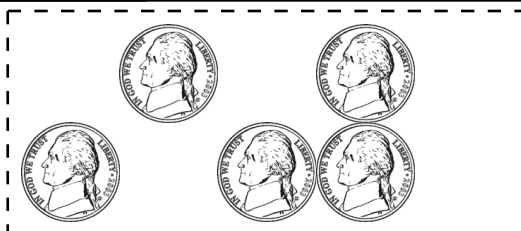
3 is more than

☐ 4      ☐ 3      ☐ 2

Count by 5s.



= 5¢



How much?


\_\_\_\_\_ ¢

$7 - 5$

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

← left      → right      ↑ above      ↓ below



From  go → go ← go ← go ↑ go → go → go →


Where are you?



From  go → go → go ↓ go ↑ go → go → go ↓

Where are you?



From  go → go ← go → go → go ↑ go → go ↓

Where are you?



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

Complete the pattern.

5 10 15 20 25 30 35 \_\_\_\_\_

2 4 6 8 10 12 14 \_\_\_\_\_

25 30 35 40 45 50 55 \_\_\_\_\_

8 12 16 20 24 28 32 \_\_\_\_\_

8 10 12 14 16 18 20 \_\_\_\_\_

$10 - 3 = \underline{\hspace{2cm}}$

☐ 8   ☐ 5   ☐ 7   ☐ 2

☐ 9   ☐ 1

$5 + 4$

Write an addition number sentence using the numbers 6, 2, and 8.

\_\_\_\_\_

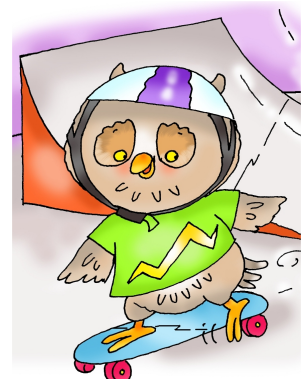
$14 - 5$

t x c w o  
z x t c s  
a y e a t  
p a s r e

eat

$6 + 1$

Rosa has four candy bars.  
She buys three more.  
How many candy bars  
does she have in all?





It's NO PREP at edHelper.

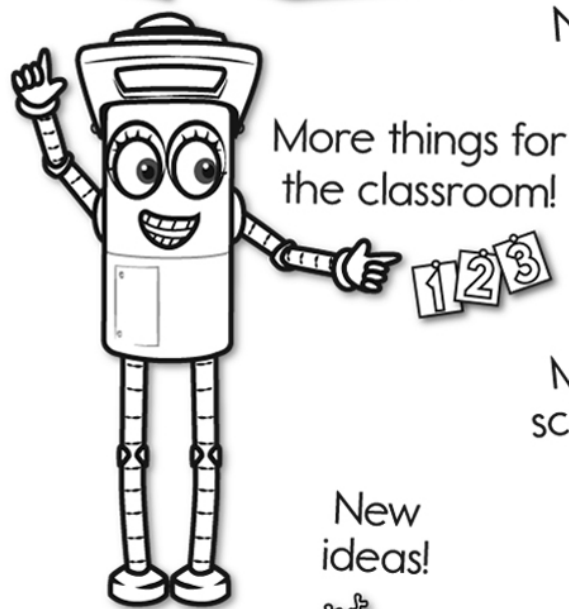
More history!



# edHelper.com!



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1 2 3

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