

Name: _____

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!

imagine 9 in your head

double it

Write the number.

A B

imagine 8 in your head

subtract 4

add 8

Write the number.

C D

imagine 5 in your head

add 3

double it

Write the number.

E F

imagine 6 in your head

double it

subtract 2

subtract 4

Write the number.

G

What is the sum?

$A + B + C + D + E + F + G$

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ n _____ y - _____

8 before 17 _____

3 after 17 _____

2 after 12 _____

1 before 19 _____

7 after 13 _____

4 after 19 _____

6 before 15 _____

6 after 15 _____

9 after 14 _____

4 before 18 _____

5 after 18 _____

1 after 16 _____

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

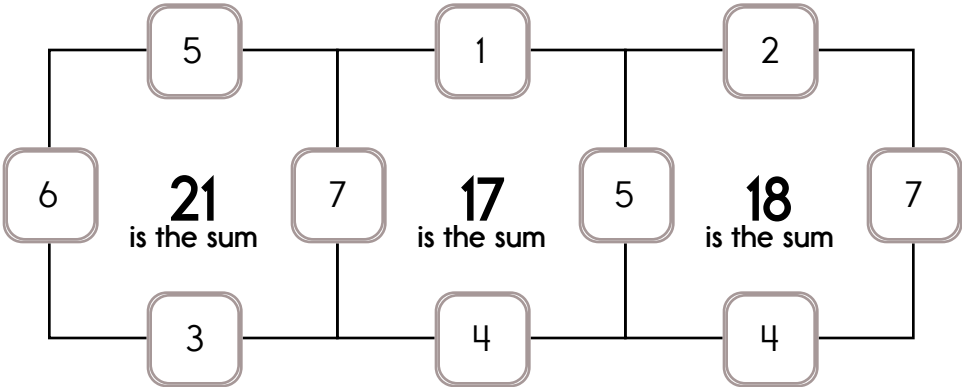
Example:

$6 + 7 + 5 + 3 = 21$

Example:

$5 + 7 + 2 + 4 = 18$

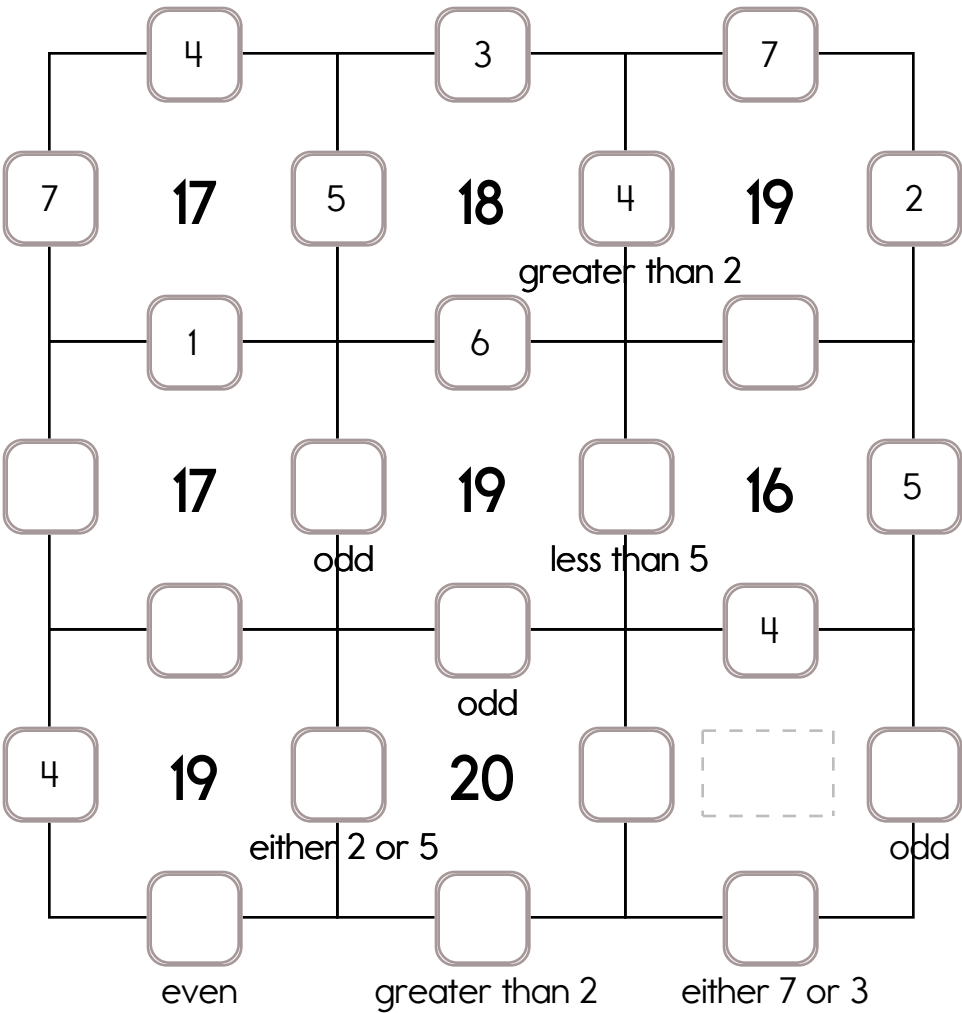
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3.

The other three numbers have to all be DIFFERENT and must be from these: 4, 5, 6, or 7.

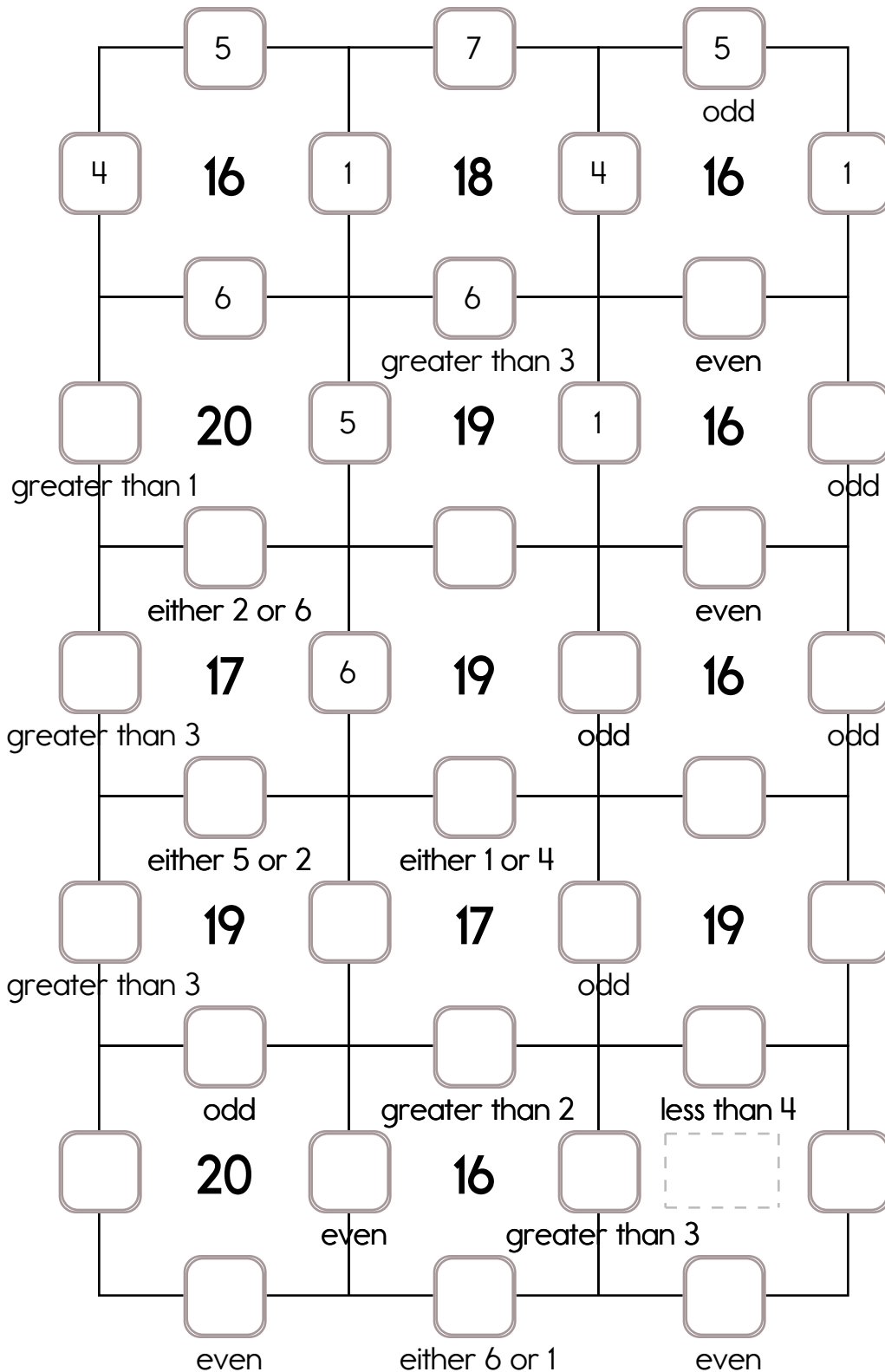


Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3.

The other three numbers have to all be DIFFERENT and must be from these: 4, 5, 6, or 7.



Name: _____

56, ____, 58, ____, 60,

How many?



9, 11, 13, 15, ____, 19

8 tens + 2 ones = 82

3 tens + 1 one = ____

5 tens + 8 ones = ____

2 tens + 0 ones = ____

Erin is reading book 3 of the My Club series. There are 9 books in the series. After she finishes book 3, how many more books will she read to finish the series?

Draw a rectangle that is about 4 cm long on each side. Do not use a ruler. Just guess!

$$\begin{array}{r} 26 \\ + 10 \\ \hline \end{array}$$

How many dots on the bug?



$$\begin{array}{r} 12 \\ - 2 \\ \hline \end{array}$$

five plus eight equals

29, ____, 31, ____, ____, 34

twenty-two minus six equals

Name: _____

There were 13 cats ready to be adopted. Yesterday, 5 cats were adopted. How many cats were left?	Hunter cut out 19 paper snowflakes. He put 15 on his window. How many did he have left?	Miss Glenn has 10 girls and 13 boys in her class. How many students does she have in all?
--	---	---

Color in the boxes.

7 or 6 = red, 2 or 14 = black,

13 or 9 = purple

What is the hidden number? _____

$$\begin{array}{r} 84 \\ - 51 \\ \hline \end{array}$$

$2 + 4$	$4 + 9$	$2 + 4$	$4 + 9$	$2 + 4$	$4 + 9$	$2 + 4$
$1 + 1$	$8 + 6$	$1 + 1$	$1 + 1$	$8 + 6$	$1 + 1$	$4 + 5$
$1 + 1$	$4 + 5$	$5 + 2$	$4 + 5$	$4 + 5$	$1 + 1$	$5 + 2$
$8 + 6$	$5 + 2$	$2 + 4$	$5 + 2$	$4 + 5$	$8 + 6$	$4 + 9$
$1 + 1$	$8 + 6$	$8 + 6$	$1 + 1$	$1 + 1$	$8 + 6$	$5 + 2$
$4 + 5$	$4 + 9$	$2 + 4$	$4 + 5$	$5 + 2$	$8 + 6$	$4 + 9$
$2 + 4$	$5 + 2$	$5 + 2$	$4 + 5$	$5 + 2$	$8 + 6$	$5 + 2$
$4 + 5$	$4 + 5$	$4 + 9$	$4 + 5$	$4 + 9$	$8 + 6$	$4 + 9$
$2 + 4$	$5 + 2$	$2 + 4$	$4 + 9$	$5 + 2$	$4 + 5$	$2 + 4$

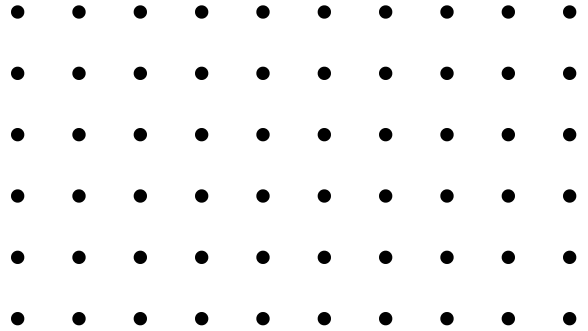
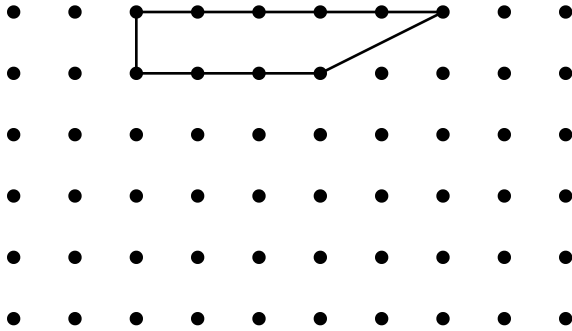
$$65 + 41 = \underline{\hspace{2cm}}$$

Circle the number that is less.
261 226

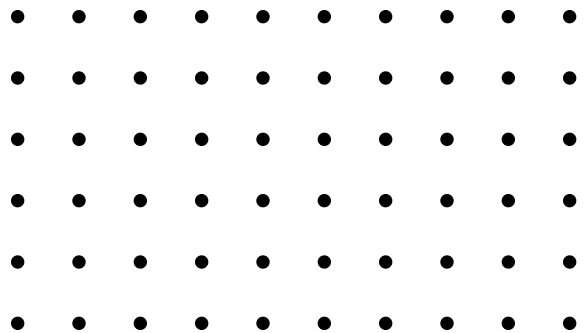
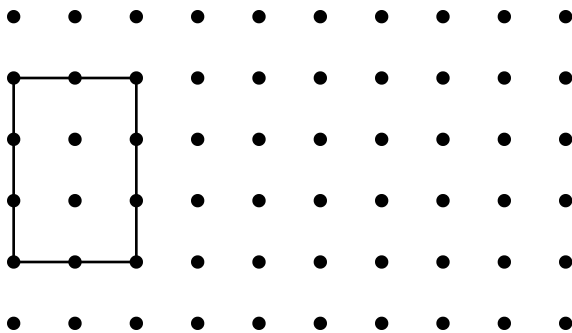


Name: _____

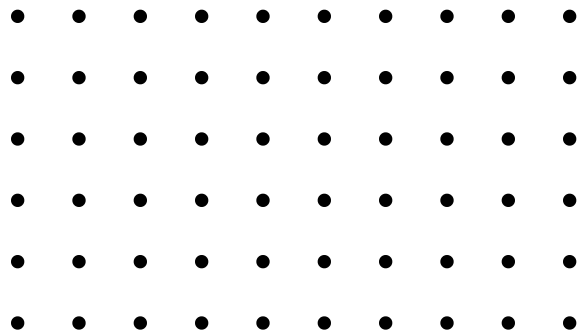
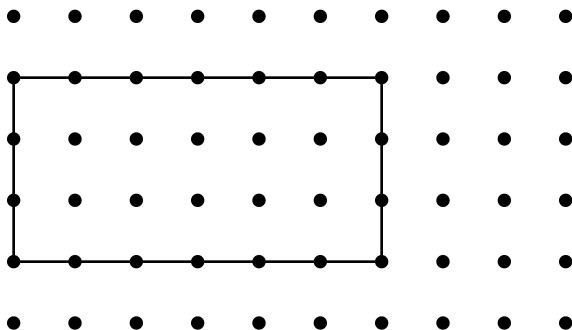
Draw a slide of the shape by moving the shape 2 dots to the left and 3 dots down.



Draw a slide of the shape by moving the shape 1 dot to the right and 1 dot up.



Draw a slide of the shape by moving the shape 2 dots to the right and 1 dot up.



Name: _____

Write your starting time.

:

$1 + 5 = \square$

$2 + 3 = \square$

$11 - 3 = \square$

$11 - 6 = \square$

$18 - 9 = \square$

$7 + 2 = \square$

$9 - 6 = \square$

$6 - 3 = \square$

$4 + 9 = \square$

$5 + 7 = \square$

$12 - 9 = \square$

$7 + 8 = \square$

$9 - 8 = \square$

$17 - 9 = \square$

$2 + 7 = \square$

$6 + 5 = \square$

$4 - 1 = \square$

$4 + 4 = \square$

$8 - 2 = \square$

$2 + 8 = \square$

$4 + 5 = \square$

$14 - 7 = \square$

$10 - 5 = \square$

$3 + 9 = \square$

$11 - 2 = \square$

$8 + 5 = \square$

$10 - 1 = \square$

$13 - 6 = \square$

$2 + 6 = \square$

$5 + 6 = \square$

$3 + 4 = \square$

$10 - 4 = \square$

$8 - 1 = \square$

$12 - 4 = \square$

$7 + 6 = \square$

$9 + 4 = \square$

$5 - 1 = \square$

$3 + 6 = \square$

$13 - 4 = \square$

$2 + 1 = \square$

$5 + 1 = \square$

$2 - 1 = \square$

Write your ending time.

:

Make your own equations.

$\square - \square = \square$

$7 + \square = \square$

$9 + \square = \square$

$\square - 4 = \square$

$\square + 3 = \square$

$\square - 5 = \square$

$\square - \square = \square$

$3 + \square = \square$

Name: _____

Combine the words to make a compound word.

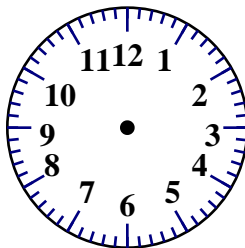
over + haul = _____

butter + cup = _____

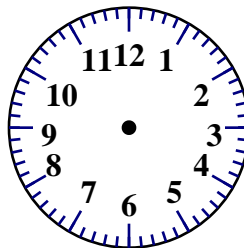
Circle the second letter.

H J X M D Y C Z

There are 17 sugar cookies. Robert ate 5. How many cookies are left?



7 : 25



8 : 50

60+4+900

Count by 4s.

14 , 18 , 22 , _____ , _____ , _____ , _____ , _____ , _____ , _____

Draw ONE continuous line that touches every box ONCE.

Count by 4s. Find the box with the number 14. Move up, down, right, or left. Keep counting until you reach 150. Do not move into a spot with a ghost.

---	-74			94		---	---		146
			---		22	---	18		150
		---	---		---	14	---		
58			---	---			---		

Count by twos.

_____ 6 _____ 12

Write an addition number sentence using the numbers 10, 4, and 6.



$$\begin{array}{r} 10 \\ + 86 \\ \hline \end{array}$$


$$47 - 10 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 42 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 65 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 20 \\ \hline \end{array}$$

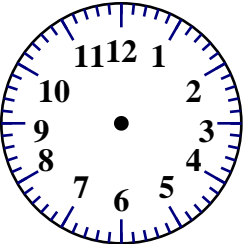
Name: _____

<p>Write the number that comes before.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;">_____ 58</div> <div style="text-align: center;">_____ 750</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;">_____ 366</div> <div style="text-align: center;">_____ 245</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;">_____ 981</div> <div style="text-align: center;">_____ 64</div> </div>	<div style="display: flex; justify-content: space-between; margin-bottom: 20px;"> <div>12 + 48 = _____</div> <div style="text-align: right;"> $\begin{array}{r} 95 \\ - 92 \\ \hline \end{array}$ </div> </div> <div style="text-align: center;">  </div>
--	--

<p>Sixteen is an even number. yes no</p> <p>Six is an even number. true false</p>	<p>Circle the words.</p> <p>fit can ew hat rubber children lions dull</p> <p>children lions mine r odes speech dull fit</p> <p>eye seal bug children part strip lions</p>
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$\begin{array}{r} 94 \\ + 64 \\ \hline \end{array}$	<div style="display: flex; justify-content: space-around; margin-bottom: 10px;"> 284 276 294 271 </div> <p>Write the numbers in order from least to greatest.</p> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="border-bottom: 1px solid black; width: 100px; height: 10px; margin-right: 5px;"></div> <div style="margin-right: 5px;">least</div> <div style="border-bottom: 1px solid black; width: 100px; height: 10px; margin-right: 5px;"></div> <div style="margin-right: 5px;">greatest</div> <div style="border-bottom: 1px solid black; width: 100px; height: 10px;"></div> </div>	$\begin{array}{r} 49 \\ - 24 \\ \hline \end{array}$
---	---	---

<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> $\begin{array}{r} 93 \\ 54 \\ + 68 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 70 \\ 57 \\ + 44 \\ \hline \end{array}$ </div> </div>	<p>It is your turn. Write O to make your move.</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr><td></td><td>X</td><td>X</td></tr> <tr><td>O</td><td>O</td><td></td></tr> <tr><td></td><td>X</td><td>O</td></tr> </table>		X	X	O	O			X	O	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> $\begin{array}{r} 58 \\ + 19 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 93 \\ + 79 \\ \hline \end{array}$ </div> </div>
	X	X									
O	O										
	X	O									

<p>Write + or - in the circles.</p> <p>5 ○ 4 = 12 ○ 11</p> <p>15 ○ 9 = 7 ○ 1</p>	 <div style="margin-top: 10px;"> $\underline{10} : \underline{00}$ </div>	<p>Get your ruler. Draw a line using your ruler that is 2 inches long.</p>
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Name: _____



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

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

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

$$3 - \underline{\quad} = 1$$

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

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

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

$$4 - \underline{\quad} = 1$$

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

$$\underline{\quad} - 4 = 1$$

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

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



$$9 - 5 =$$

$$3 - 3 =$$

$$8 - 7 =$$

$$7 - 4 =$$

$$9 - 6 =$$

$$3 - 3 =$$

$$2 - 2 =$$

$$7 - 5 =$$

$$5 - 4 =$$

$$6 - 6 =$$

$$9 - 5 =$$

$$8 - 3 =$$

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

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

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

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

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

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

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

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

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

$$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$$

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

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

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

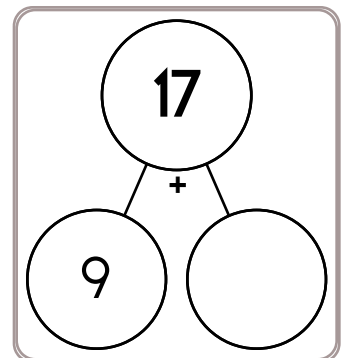
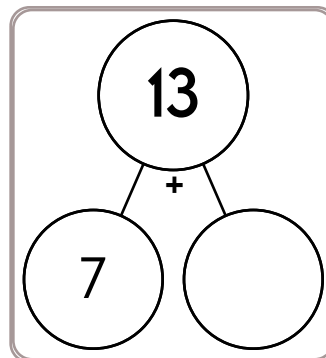
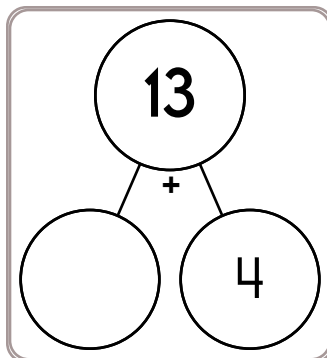
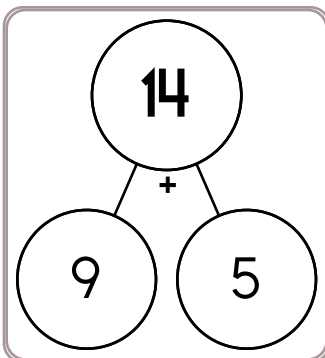
$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$$

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

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



Name: _____

$$\begin{array}{r} 590 \\ + 647 \\ \hline \end{array}$$

$$\begin{array}{r} 942 \\ + 603 \\ \hline \end{array}$$

$$\begin{array}{r} 809 \\ + 128 \\ \hline \end{array}$$

$$\begin{array}{r} 142 \\ + 428 \\ \hline \end{array}$$

$$\begin{array}{r} 765 \\ + 981 \\ \hline \end{array}$$

$$\begin{array}{r} \square 4 \square \\ + 9 \square 7 \\ \hline 120 \end{array}$$

$$\begin{array}{r} \square \square 0 \\ + 18\square \\ \hline 750 \end{array}$$

$$\begin{array}{r} 608 \\ + \square \square \square \\ \hline 132 \end{array}$$

$$\begin{array}{r} 85\square \\ + \square \square 0 \\ \hline 132 \end{array}$$

$$\begin{array}{r} 531 \\ + \square 38 \\ \hline 7\square\square \end{array}$$

$$\begin{array}{r} 922 \\ + 894 \\ \hline \end{array}$$

$$\begin{array}{r} 190 \\ + 139 \\ \hline \end{array}$$

$$\begin{array}{r} 663 \\ + 188 \\ \hline \end{array}$$

$$\begin{array}{r} 458 \\ + 126 \\ \hline \end{array}$$

$$\begin{array}{r} 715 \\ + 943 \\ \hline \end{array}$$

$$\begin{array}{r} 33\square \\ + \square 77 \\ \hline 1\square 0 \end{array}$$

$$\begin{array}{r} 701 \\ + \square \square 0 \\ \hline 16\square \end{array}$$

$$\begin{array}{r} \square 43 \\ + 18\square \\ \hline 9\square 4 \end{array}$$

$$\begin{array}{r} 4\square 3 \\ + 850 \\ \hline \square 3\square \end{array}$$

$$\begin{array}{r} 5\square\square \\ + \square 59 \\ \hline 151 \end{array}$$

$$\begin{array}{r} 956 \\ + 442 \\ \hline \end{array}$$

$$\begin{array}{r} 352 \\ + 223 \\ \hline \end{array}$$

$$\begin{array}{r} 131 \\ + 630 \\ \hline \end{array}$$

$$\begin{array}{r} 947 \\ + 924 \\ \hline \end{array}$$

$$\begin{array}{r} 768 \\ + 482 \\ \hline \end{array}$$

$$\begin{array}{r} 890 \\ + 5\square\square \\ \hline \square 44 \end{array}$$

$$\begin{array}{r} 8\square 2 \\ + \square 8\square \\ \hline 140 \end{array}$$

$$\begin{array}{r} 21\square \\ + 9\square 8 \\ \hline \square 20 \end{array}$$

$$\begin{array}{r} \square 44 \\ + 171 \\ \hline 3\square\square \end{array}$$

$$\begin{array}{r} 93\square \\ + \square \square 0 \\ \hline 117 \end{array}$$

Name: _____

+	7			7		9
11	18	21				
	<u>11 + 7</u>	<u>11 +</u>	<u>11 +</u>	<u>11 + 7</u>	<u>11 +</u>	<u>11 + 9</u>
	19					
	<u>+ 7</u>	<u>+</u>	<u>+</u>	<u>+ 7</u>	<u>+</u>	<u>+ 9</u>
				10		
	<u>+ 7</u>	<u>+</u>	<u>+</u>	<u>+ 7</u>	<u>+</u>	<u>+ 9</u>
6		16			14	
	<u>6 + 7</u>	<u>6 +</u>	<u>6 +</u>	<u>6 + 7</u>	<u>6 +</u>	<u>6 + 9</u>
			15			
	<u>+ 7</u>	<u>+</u>	<u>+</u>	<u>+ 7</u>	<u>+</u>	<u>+ 9</u>
10	17		20			
	<u>10 + 7</u>	<u>10 +</u>	<u>10 +</u>	<u>10 + 7</u>	<u>10 +</u>	<u>10 + 9</u>
						11
	<u>+ 7</u>	<u>+</u>	<u>+</u>	<u>+ 7</u>	<u>+</u>	<u>+ 9</u>
2			12			
	<u>2 + 7</u>	<u>2 +</u>	<u>2 +</u>	<u>2 + 7</u>	<u>2 +</u>	<u>2 + 9</u>

$$\begin{array}{r} 20 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + 47 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 92 \\ \hline \end{array}$$

Name: _____

Peter had two dimes and a nickel. He bought a bag of peanuts. He paid 16 cents for the nuts. How much money does he have left?

Ms. Lee made a big bowl of Jell-O. She has 4 sons. Each boy ate one cup of Jell-O for lunch. Each boy ate two cups of Jell-O for a snack. There were five cups of Jell-O left. How many cups of Jell-O did Ms. Lee make?

There are over 2,700 kinds of snakes! The fastest snake on record is the African black mamba. It can crawl seven miles per hour over short distances. If it could travel a long distance at that speed, how far could a black mamba travel in two hours?

Name: _____

Complete the pattern.

10	12	14	16	_____
----	----	----	----	-------

16	24	32	40	48	_____
----	----	----	----	----	-------

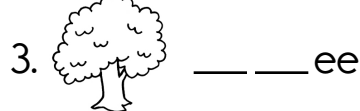
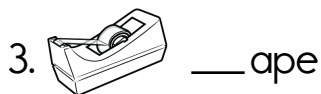
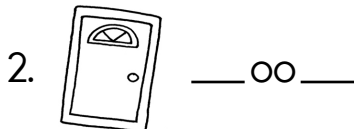
21	28	35	42	49	_____
----	----	----	----	----	-------

3	6	9	12	_____
---	---	---	----	-------

20	25	30	35	40	_____
----	----	----	----	----	-------

across →

down ↓



1.		3.			
2.					

How many tally marks?



The number 37 is an odd number. Write an odd number less than .

100 more than 359





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