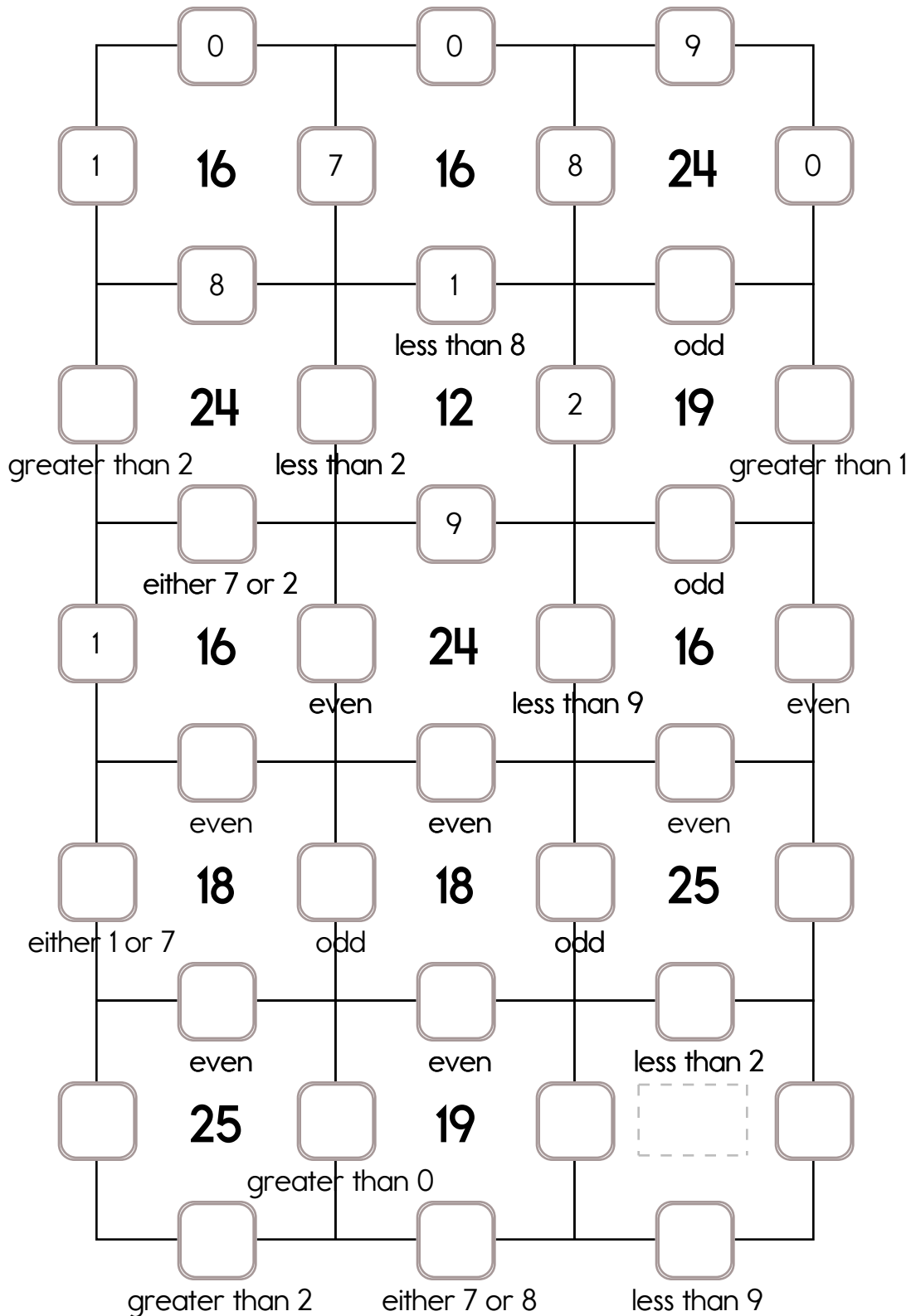


Name: _____

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: 2 or 8.

The other three numbers have to all be DIFFERENT and must be from these: 7, 9, 0, or 1.



Name: _____

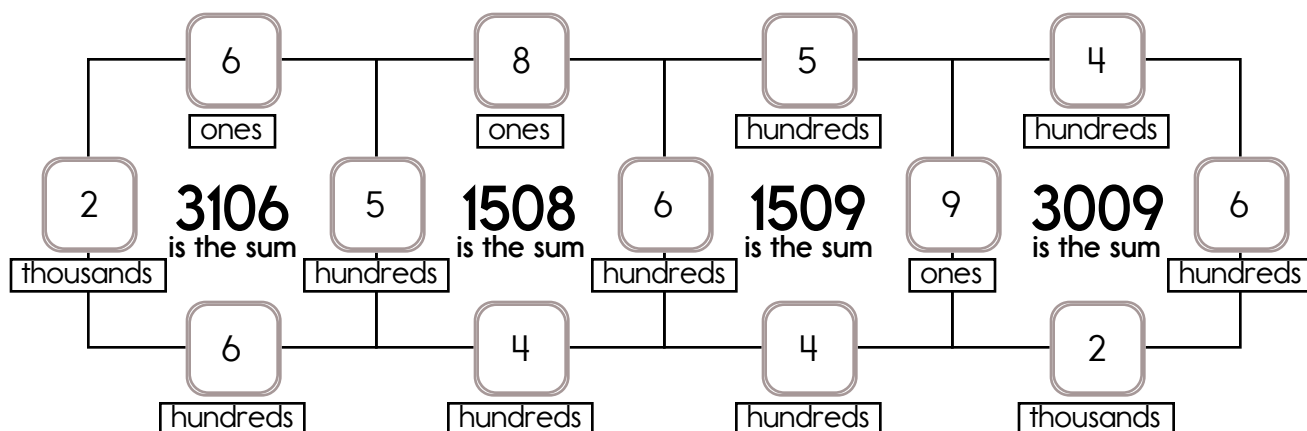


	+1	-1	+10	-10	+3	-3
32						
85						
51						
29						
78						
440						
167						
653						
766						
534						

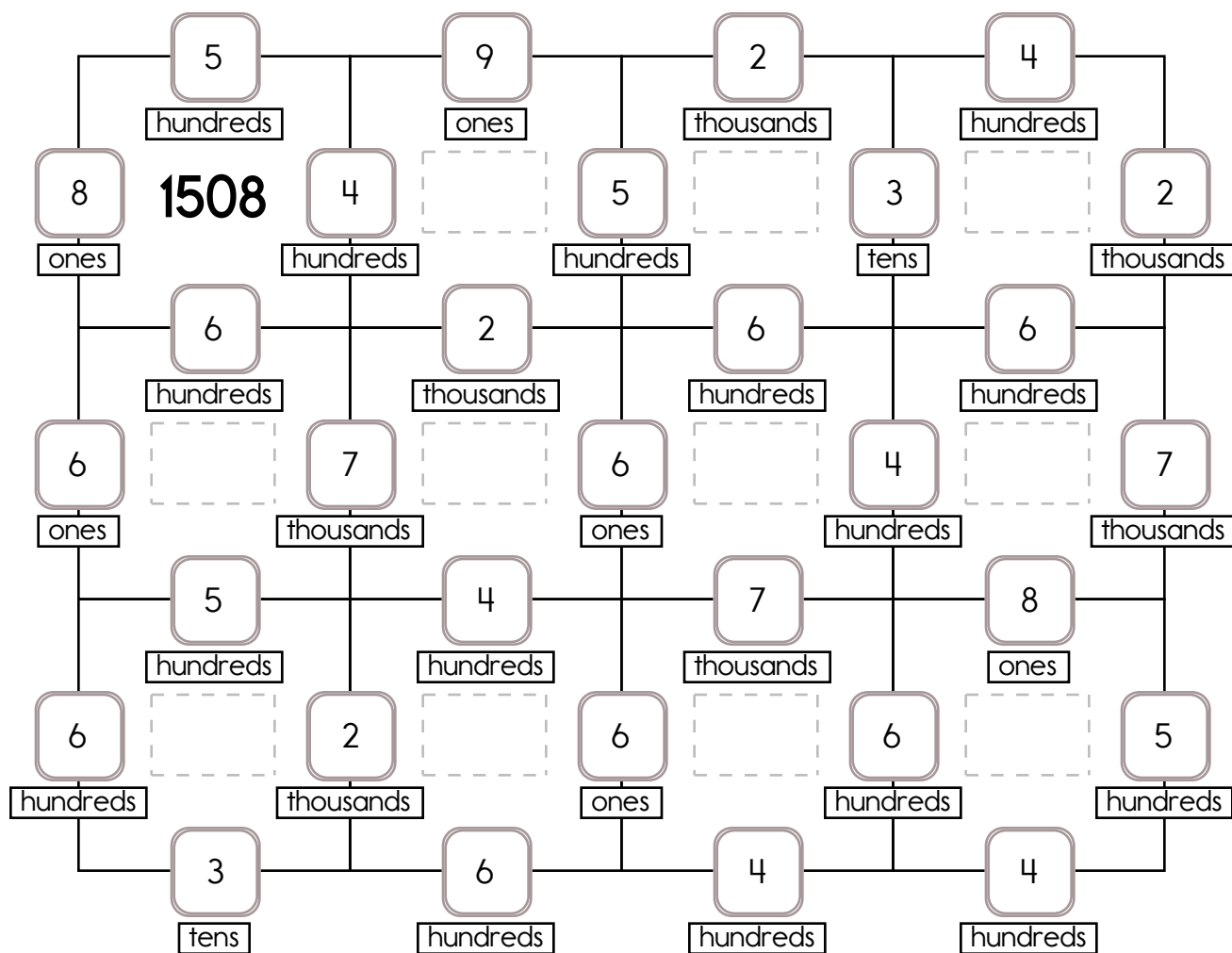
Example:

$$2000 + 500 + 6 + 600 = 3106$$

$$600 + 9 + 500 + 400 = 1509$$



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



Name: _____

Adding and Subtracting 7

$13 - 6 = \underline{\quad}$	$19 - 7 = \underline{\quad}$	$3 + 7 = \underline{\quad}$	$7 + 8 = \underline{\quad}$
$9 - 7 = \underline{\quad}$	$5 + 7 = \underline{\quad}$	$15 - 7 = \underline{\quad}$	$7 + 6 = \underline{\quad}$
$10 + 7 = \underline{\quad}$	$17 - 7 = \underline{\quad}$	$7 + 4 = \underline{\quad}$	$12 - 7 = \underline{\quad}$
$18 - 7 = \underline{\quad}$	$19 - 7 = \underline{\quad}$	$5 + 7 = \underline{\quad}$	$14 - 7 = \underline{\quad}$
$11 - 7 = \underline{\quad}$	$17 - 7 = \underline{\quad}$	$14 - 7 = \underline{\quad}$	$7 + 9 = \underline{\quad}$

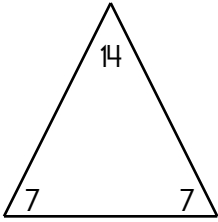
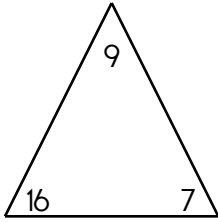
$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$
$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$
$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ + 7 \\ \hline \end{array}$
$\begin{array}{r} 18 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 11 \\ \hline \end{array}$
$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 10 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$

$10 - 7 = \underline{\quad}$	$7 + 5 = \underline{\quad}$	$2 + 7 = \underline{\quad}$	$15 - 7 = \underline{\quad}$
$13 - 6 = \underline{\quad}$	$7 + 5 = \underline{\quad}$	$9 - 7 = \underline{\quad}$	$7 + 12 = \underline{\quad}$
$3 + 7 = \underline{\quad}$	$4 + 7 = \underline{\quad}$	$7 + 12 = \underline{\quad}$	$7 + 8 = \underline{\quad}$

Name: _____

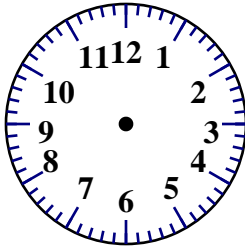
Adding and Subtracting 7

$12 - 7 = \underline{\quad}$	$7 - 2 = \underline{\quad}$	$7 - 5 = \underline{\quad}$	$7 - 4 = \underline{\quad}$	$7 - 3 = \underline{\quad}$
$6 + 7 = \underline{\quad}$	$7 - 7 = \underline{\quad}$	$7 - 6 = \underline{\quad}$	$11 + 7 = \underline{\quad}$	$8 - 1 = \underline{\quad}$
$11 + 7 = \underline{\quad}$	$7 - 4 = \underline{\quad}$	$7 + 3 = \underline{\quad}$	$7 + 1 = \underline{\quad}$	$16 - 7 = \underline{\quad}$
$14 - 7 = \underline{\quad}$	$10 - 7 = \underline{\quad}$	$10 - 7 = \underline{\quad}$	$7 - 7 = \underline{\quad}$	$10 - 7 = \underline{\quad}$
$7 - 5 = \underline{\quad}$	$12 - 7 = \underline{\quad}$	$7 - 7 = \underline{\quad}$	$9 + 7 = \underline{\quad}$	$7 - 1 = \underline{\quad}$
$10 - 7 = \underline{\quad}$	$7 + 5 = \underline{\quad}$	$11 - 7 = \underline{\quad}$	$7 + 3 = \underline{\quad}$	$19 - 7 = \underline{\quad}$
$10 + 7 = \underline{\quad}$	$7 + 6 = \underline{\quad}$	$7 + 7 = \underline{\quad}$	$7 - 2 = \underline{\quad}$	$9 - 7 = \underline{\quad}$
$17 - 7 = \underline{\quad}$	$7 + 8 = \underline{\quad}$	$7 - 2 = \underline{\quad}$	$2 + 7 = \underline{\quad}$	$8 - 7 = \underline{\quad}$
$11 - 7 = \underline{\quad}$	$7 + 2 = \underline{\quad}$	$8 - 1 = \underline{\quad}$	$11 - 7 = \underline{\quad}$	$12 - 7 = \underline{\quad}$

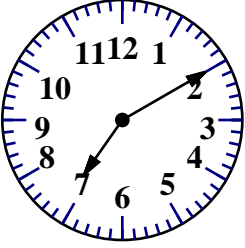
<p>Fill in the blanks using numbers from the fact family.</p> <div style="text-align: center; margin: 20px 0;">  </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <div style="margin-bottom: 10px;"><input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> + <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> = <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/></div> <div style="margin-bottom: 10px;"><input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> + <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> = <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/></div> <div style="margin-bottom: 10px;"><input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> - <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> = <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/></div> <div style="margin-bottom: 10px;"><input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> - <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> = <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/></div> </div> </div>	<p>Fill in the blanks using numbers from the fact family.</p> <div style="text-align: center; margin: 20px 0;">  </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <div style="margin-bottom: 10px;"><input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> + <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> = <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/></div> <div style="margin-bottom: 10px;"><input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> + <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> = <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/></div> <div style="margin-bottom: 10px;"><input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> - <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> = <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/></div> <div style="margin-bottom: 10px;"><input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> - <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/> = <input style="width: 50px; height: 30px; border: 1px solid black;" type="text"/></div> </div> </div>
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Name: _____

<p>Jessica is so thankful for her shirts. Each shirt has five buttons. How many buttons are on four shirts?</p>	<p>Megan picked peppers with her father. Her father picked 23 peppers. Megan picked 12 peppers. How many more peppers did her father pick than she did?</p>	<p>Adam picked 10 pink flowers and 8 white flowers. He gave 10 flowers to his mother. He gave the rest to his grandmother. How many flowers did he give his grandmother?</p>
---	---	--

<p>ten less than 139</p>	<p>What month comes before June?</p> <p>_____</p>	<p>$400+60+4$</p>	 <p>4 : 15</p>
------------------------------	---	------------------------------	--

<p>$67 - 2 =$ _____</p>	<p>Write the words for each contraction.</p> <p>shouldn't s <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> d <input type="text"/> <input type="text"/> <input type="text"/></p> <p>you're y <input type="text"/> <input type="text"/> <input type="text"/> r <input type="text"/></p>
------------------------------------	--

<p>five hundred eighty-two</p>	<p>How many tally marks?</p> <p> </p> <p>_____</p>	 <p>_____ : _____</p>	<p>$500+70+9$</p>	<p>$\begin{array}{r} 17 \\ + 54 \\ \hline \end{array}$</p>
--------------------------------	--	---	------------------------------	---



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

14, 16, 18, _____, 22, 24,
26, 28

three plus eight equals

$$\begin{array}{r} 34 \\ - \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + \quad 3 \\ \hline \end{array}$$

29, _____, 31, _____, _____,
_____, _____, 36, 37, 38,

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

64 = ___ tens + ___ ones
38 = ___ tens + ___ ones
49 = ___ tens + ___ ones
20 = ___ tens + ___ ones

Find three ways to
make 6.

___ + ___ = 6
___ + ___ = 6
___ + ___ = 6

A, D, G, J, M, P, _____,
V, Y

$$\begin{array}{r} 28 \\ + 10 \\ \hline \end{array}$$

Write the numbers.

ten _____
seventeen _____
twenty-six _____

$$\begin{array}{r} 13 \\ + 83 \\ \hline \end{array}$$

Name: _____

$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

$$\frac{\boxed{}}{4} = \frac{2}{8}$$

$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$
$\frac{1}{2}$					$\frac{1}{2}$				

$$\frac{\boxed{}}{10} = \frac{1}{2}$$

$\frac{1}{10}$							
$\frac{1}{5}$							

$$\frac{2}{10} = \frac{\boxed{}}{5}$$

$\frac{1}{2}$					
$\frac{1}{8}$					

$$\frac{1}{2} = \frac{\boxed{}}{8}$$

$\frac{1}{3}$											
$\frac{1}{9}$											

$$\frac{\boxed{}}{3} = \frac{3}{9}$$

$\frac{1}{2}$		
$\frac{1}{6}$		

$$\frac{\boxed{}}{2} = \frac{3}{6}$$

$\frac{1}{2}$			
$\frac{1}{4}$			

$$\frac{1}{2} = \frac{\boxed{}}{4}$$

$\frac{1}{6}$							
$\frac{1}{3}$							

$$\frac{\boxed{}}{6} = \frac{\boxed{}}{3}$$

Name: _____

What day comes after Friday? _____	$30 + 7 = \underline{\hspace{2cm}}$	$\begin{array}{r} 12 \\ + 83 \\ \hline \end{array}$
---------------------------------------	-------------------------------------	---

5F		Hannah's house	Rose's house		Holly's house	Justin's house
4E						
3D			Emma's house	Kevin's house		
2C			Anne's house			Mary's house
1B				Jacob's house		
0A	your house					
	0a	1b	2c	3d	4e	5f

Start at your house. Go up 2. Go right 5. You knock at the door. Who answers?

Start at 0a, 0A. Go right 3. Go up 3. You knock at the door. Who answers?

How can you get from Rose's house to Hannah's house?

Go left _____

How can you get from Anne's house to Jacob's house?

Go right _____. Go down _____.

$10 + 3 = \underline{\hspace{2cm}}$	ten less than 889	one hundred ninety-six	$\begin{array}{r} 31 \\ - 30 \\ \hline \end{array}$
-------------------------------------	-------------------	------------------------	---

Name: _____

<p>Write the number that comes before.</p> <p>_____ 46 _____ 163</p> <p>_____ 389 _____ 277</p> <p>_____ 55 _____ 156</p>	<p>Rose is left-handed. She wrote her name 6 times with her right hand. She wrote her name 8 times with her left hand. How many times did she write her name?</p>	<p><input type="radio"/> cin</p> <p><input type="radio"/> cihn</p> <p><input type="radio"/> chinn</p> <p><input type="radio"/> chin</p>

Write the final part of the math analogy.

44 _____ 46 : 45 :: 82 _____ 84 :

Explain why you think your answer is correct.

Circle each odd number that is greater than 32.

36 2 66 37 25 93

24 53 31 41 86

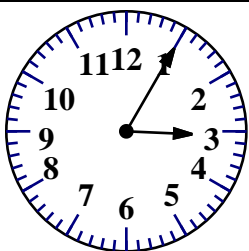
90 47 68 43 60 73

32 49 4 50 81

56 33 12 61 88 3

$$\begin{array}{r} 33 \\ + 50 \\ \hline \end{array}$$

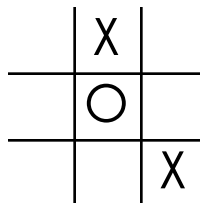
$$\begin{array}{r} 21 \\ + 33 \\ \hline \end{array}$$



_____ : _____

$$100 + 40 + 8$$

It is your turn. Write O to make your move.



$$\begin{array}{r} 60 \\ - 54 \\ \hline \end{array}$$

Name: _____

$\begin{array}{c} 9 \\ + \\ 09 \end{array}$	$\begin{array}{c} \\ + \\ 89 \end{array}$	$\begin{array}{c} \\ + \\ 50 \end{array}$	$\begin{array}{c} \\ + \\ 96 \end{array}$	$\begin{array}{c} \\ + \\ 71 \end{array}$
$\begin{array}{c} \\ + \\ 27 \end{array}$	$\begin{array}{c} \\ + \\ 57 \end{array}$	$\begin{array}{c} \\ + \\ 72 \end{array}$	$\begin{array}{c} \\ + \\ 98 \end{array}$	$\begin{array}{c} \\ + \\ 14 \end{array}$

twenty-six plus eight equals

C, R, C, R, C, _____, C,

R, C, R

$$\begin{array}{r} 12 \\ + 10 \\ \hline \end{array}$$

A two-digit even number has a 9 in the tens place. The sum of the ones and tens digits is 17. What is the number?

Write the numbers.

forty ____

forty-five ____

ninety ____

ninety-two ____

Which is more? Circle it.

Make a drawing to show why.

$$\frac{3}{4} \text{ or } \frac{2}{4}$$

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



edHelper

= Do it
in your
head!

imagine 9 in your head

add 2

Write the number.

A B

imagine 5 in your head

add 2

add 7

Write the number.

C D

imagine 6 in your head

subtract 4

add 5

Write the number.

E

imagine 5 in your head

subtract 2

add 4

Write the number.

F

What is the sum?

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

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

_____ n _____ - o _____

9 before 11 _____

8 after 19 _____

2 after 11 _____

7 before 17 _____

4 after 12 _____

3 after 15 _____

1 before 19 _____

6 after 13 _____

5 after 14 _____

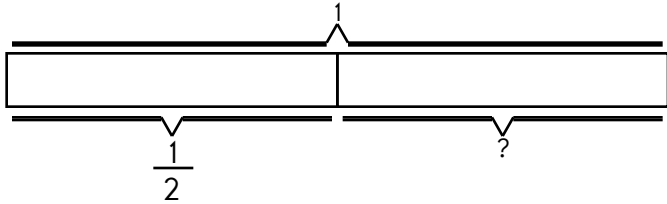
3 before 14 _____

7 after 17 _____

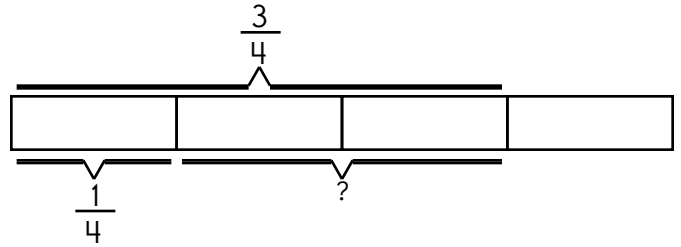
9 after 16 _____

Name: _____

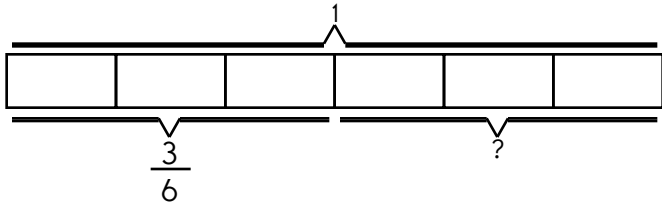
$$1 - \frac{1}{2} = \underline{\hspace{2cm}}$$



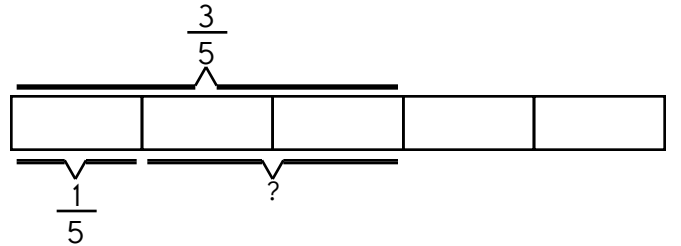
$$\frac{3}{4} - \frac{1}{4} = \underline{\hspace{2cm}}$$



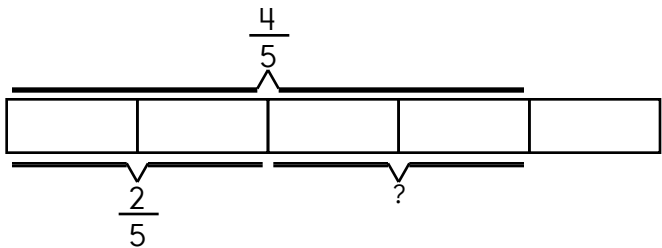
$$1 - \frac{3}{6} = \underline{\hspace{2cm}}$$



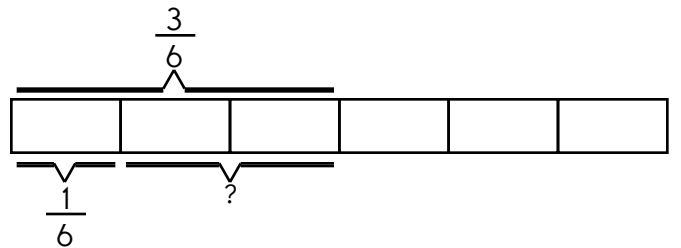
$$\frac{3}{5} - \frac{1}{5} = \underline{\hspace{2cm}}$$



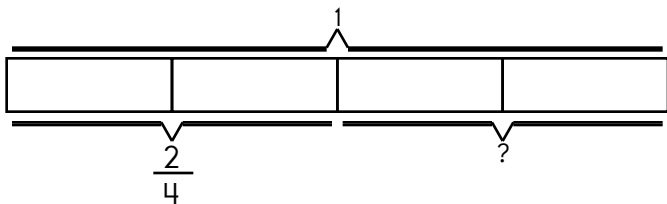
$$\frac{4}{5} - \frac{2}{5} = \underline{\hspace{2cm}}$$



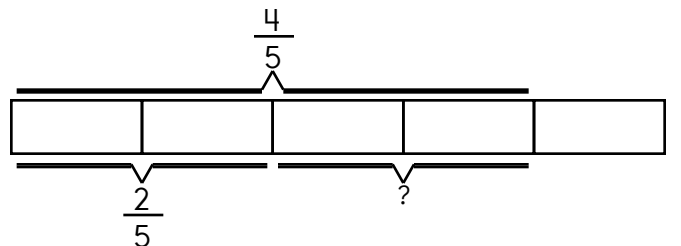
$$\frac{3}{6} - \frac{1}{6} = \underline{\hspace{2cm}}$$



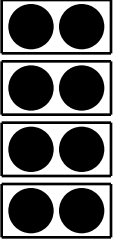
$$1 - \frac{2}{4} = \underline{\hspace{2cm}}$$



$$\frac{4}{5} - \frac{2}{5} = \underline{\hspace{2cm}}$$



Name: _____

 $\begin{array}{r} 2 \\ 2 \\ 2 \\ 2 \\ + 2 \\ \hline \end{array}$ $4 \times 2 = \boxed{}$	<p>Draw the dots and rectangles. Then multiply.</p> $\begin{array}{r} 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ + 2 \\ \hline \end{array}$ $6 \times 2 = \boxed{}$	<p>Draw the dots and rectangles. Then multiply.</p> $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ $2 \times 2 = \boxed{}$
--	--	---

Skip count by twos.

2	4	
---	---	--

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

Skip count by twos.

2	4			
---	---	--	--	--

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

$19 + 19 + 19 + 19 + 19 + 19 + 19 + 19 + 19 = \underline{} \times 19$

$16 + 16 + 16 = \underline{} \times 16$

$15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 = \underline{} \times 15$

$100 + 100 + 100 + 100 + 100 + 100 + 100 = \underline{} \times 100$

Name: _____

2 2 x 1	4 2 x ____	6 2 x ____	8 2 x ____	10 2 x ____	12 2 x ____
14 2 x ____	16 2 x ____	18 2 x ____	20 2 x ____	22 2 x ____	24 2 x ____

$$2 + 2 = 2 \times 2$$

$$2 + 2 = 4$$

$$2 \times 2 = 4$$

$$2 + 2 + 2 = ___ \times 2$$

$$2 + 2 + 2 = ___$$

$$3 \times 2 = ___$$

$$2 + 2 + 2 + 2 = ___ \times 2$$

$$2 + 2 + 2 + 2 = ___$$

$$4 \times 2 = ___$$

$$2 + 2 + 2 + 2 + 2 = ___ \times 2$$

$$2 + 2 + 2 + 2 + 2 = ___$$

$$5 \times 2 = ___$$

$$2 + 2 + 2 + 2 + 2 + 2 = ___ \times 2$$

$$2 + 2 + 2 + 2 + 2 + 2 = ___$$

$$6 \times 2 = ___$$

$$2 + 2 + 2 + 2 + 2 + 2 + 2 = ___ \times 2$$

$$2 + 2 + 2 + 2 + 2 + 2 + 2 = ___$$

$$7 \times 2 = ___$$

Name: _____

3 9 3

9 1 8

1 2 6

2 1 8

126 < 218 < 393 < 918

9 7 8

7 6 7

7 3 0

2 7 1

_____ > _____ > _____ > _____

6 8 4

5 4 8

4 6 3

4 5 6

_____ < _____ < _____ < _____

5 5 7

6 2 0

9 4 6

2 1 5

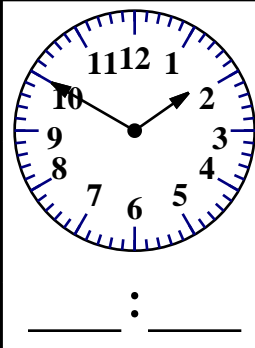
_____ < _____ < _____ < _____

a p x f a y h a v a
y k o y w w h l a o
r o u n d t a w m s
a s o m f h v a a f
l i d m v a e y y s
a z h k k n e s e h
y f r o m k m h a r

$$77 - 1 = \underline{\hspace{2cm}}$$

$$42 + 4 = \underline{\hspace{2cm}}$$

$$56 - 1 = \underline{\hspace{2cm}}$$



Word Bank

round
may

have
from

thank
always

$$\begin{array}{r} 57 \\ - 20 \\ \hline \end{array}$$

"Dear John," can be found in which part of a letter?

(A) greeting

(B) body of a letter

(C) closing

$$\begin{array}{r} 95 \\ - 48 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ - 25 \\ \hline \end{array}$$

word root **vert** can mean **turn**

avert, convert, introvert

Name: _____

Complete the pattern.

1	2	3	4	_____
---	---	---	---	-------

10	12	14	16	18	_____
----	----	----	----	----	-------

32	40	48	56	64	_____
----	----	----	----	----	-------

20	30	40	50	_____
----	----	----	----	-------

Fill in the numbers.

	13	14	15	16	17
	23	24			27
		34	35	36	37
			45	46	47

		65	
		75	
83			
93			

55

Circle the even number.

1 13 4 19
5 15

$$44 - 11 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 15 \\ + 60 \\ \hline \end{array}$$



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