

Name: _____

Mental Math

— #1 —

 Start with the number 9.

9



 Triple that number.

4 2 2 7 2 9 9 6 1 8 (Circle your answer to double check you are correct.) _____

 Increase that number by 8.

7 6 1 1 4 3 5 9 9 7

 Add the number of legs on 2 ducks.

3 9 9 7 8 9 6 5 1 2

 Add 3 tens.

1 6 9 2 6 6 5 9 2 7

 Add the number of days in a week.

2 0 1 7 3 8 4 7 6 9

 Subtract 8.

6 2 8 6 8 4 2 1 9 7

 Subtract 5 tens.

6 9 2 6 5 3 1 8 3 1

 Divide that number in half.

8 4 1 1 9 1 7 3 2 6

Name: _____

There were 14 pieces of birthday cake. After the picnic there were 4 pieces of cake. How many pieces of cake were eaten?

Anne listened to her jazz CD for 26 minutes. Then she listened to a rock CD. She listened to music for an hour. How long did she listen to the rock CD?

On Thursday 167 people rode the Ferris wheel. On Friday 265 people rode it. On Saturday 374 people rode it. How many people rode the Ferris wheel in these three days?

Name: _____

$$\begin{array}{r} 85 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ + 59 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ + 97 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 97 \\ \hline \end{array}$$

$$\begin{array}{r} 9\Box \\ + 85 \\ \hline \Box 8 \end{array}$$

$$\begin{array}{r} 2\Box \\ + \Box 7 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 15 \\ + \Box\Box \\ \hline 11 \end{array}$$

$$\begin{array}{r} \Box\Box \\ + 75 \\ \hline 86 \end{array}$$

$$\begin{array}{r} \Box 8 \\ + 2\Box \\ \hline 46 \end{array}$$

$$\begin{array}{r} 6\Box \\ + \Box 6 \\ \hline 87 \end{array}$$

$$\begin{array}{r} 96 \\ + 74 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ + 20 \\ \hline \end{array}$$

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

$$\begin{array}{r} 48 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 4\Box \\ + 34 \\ \hline \Box 0 \end{array}$$

$$\begin{array}{r} \Box 7 \\ + 67 \\ \hline 1\Box \end{array}$$

$$\begin{array}{r} \Box 6 \\ + 6\Box \\ \hline 11 \end{array}$$

$$\begin{array}{r} 87 \\ + 2\Box \\ \hline \Box 1 \end{array}$$

$$\begin{array}{r} \Box 5 \\ + 28 \\ \hline 9\Box \end{array}$$

$$\begin{array}{r} 9\Box \\ + \Box 9 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 38 \\ + 66 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ + 81 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 5\Box \\ + \Box 9 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 23 \\ + 21 \\ \hline \Box\Box \end{array}$$

$$\begin{array}{r} \Box\Box \\ + 22 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 93 \\ + \Box\Box \\ \hline 13 \end{array}$$

$$\begin{array}{r} 6\Box \\ + \Box 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 7\Box \\ + \Box 6 \\ \hline 14 \end{array}$$

Name: _____

Jack lives on a farm. He takes care of a flock of geese. If each goose eats eight ounces of cracked corn each day, how many ounces of corn will he need to feed seven geese for two days?

Emily has spring fever. She ran all the way home from school. It only took her 14 minutes! She left school at 3:16 p.m. What time did she get home?

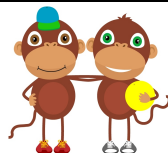
Kevin's family flew to Jamaica. The plane took off at 11:10 a.m. It landed at 2:53 p.m. How much time passed? (NOTE: Assume Kevin's family flew from the same time zone as Jamaica.)

Max picked three quarts of blueberries. Some of the blueberries are ripe and some are not ripe. If he takes one blueberry from the basket without looking, what are the possible outcomes?

Write your answer. Then draw a small picture.

A rule I don't like:

Why?



Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make \$54.22.

\$20	\$20	\$10	\$1	\$1
\$1	\$1			
10¢	10¢	1¢	1¢	

Use the fewest bills and coins to make \$14.14.

		\$1		
		1¢		

Use the fewest bills and coins to make \$56.56.

Use the fewest bills and coins to make \$12.13.

Name: _____

Jenna has five red jellybeans. She has six green jellybeans. She has eight yellow jellybeans. She has five black jellybeans. How many jellybeans does she have in all?	Peter saw 12 turkeys. Connor saw 18 turkeys. How many turkeys did they see in all?	Eric wears blue socks. He had 10 blue socks. He lost one. How many socks are left?
--	--	--

Circle the two numbers that make 26.	nine hundred fifty-four
<div>13 19 7</div> <div>5 1 25</div>	
<div>13 25 8 18</div> <div>21 13 13 2</div>	
<div>24 5 21 9</div> <div>15 22 24 4</div>	
<div>23 18 3 25 4</div> <div>7 24 11 15 18</div>	

The number 41 is an odd number. Write an odd number less than . _____	Circle the words. whisker treat be end o e s s l o t b i r t h a t e be e s h a l l b e e n t r e a t n o t e w h i s k e r s s a d e a r l y b i r t h f a s t c o a c h t w e l v e r e a d y
--	--

$\begin{array}{r} 88 \\ + 58 \\ \hline \end{array}$	$70 - 48 = \underline{\hspace{2cm}}$	$59 + 44 = \underline{\hspace{2cm}}$
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Name: _____

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

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

$$\begin{array}{r} 7 \\ X 6 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 6 \\ X 8 \\ \hline \end{array}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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$$\begin{array}{r} 6 \\ X 5 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} 4 \\ X 7 \\ \hline \end{array}$$

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

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

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

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

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

$$\begin{array}{r} 6 \\ X 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ X 8 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 7 \\ X 4 \\ \hline \end{array}$$

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

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

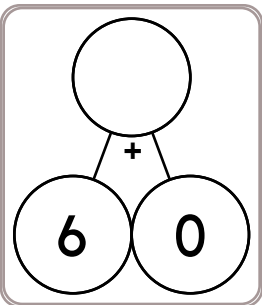
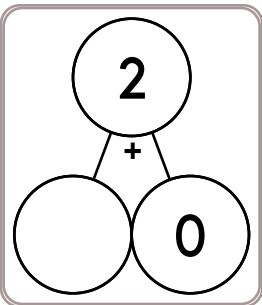
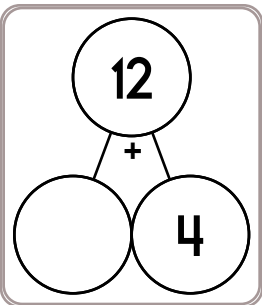
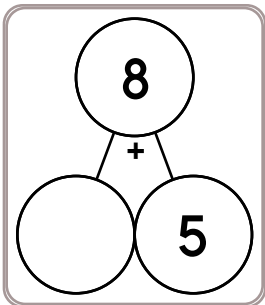
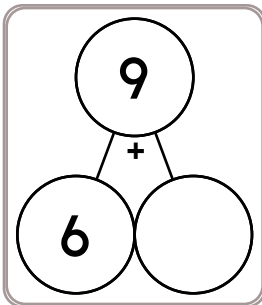
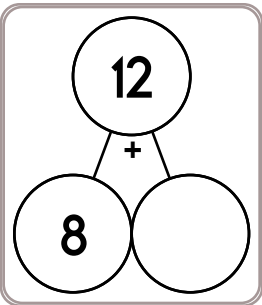
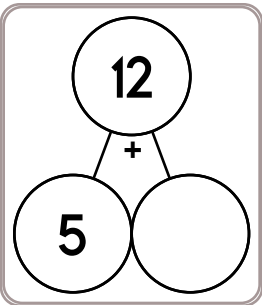
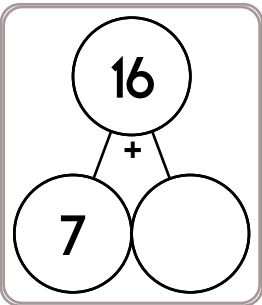
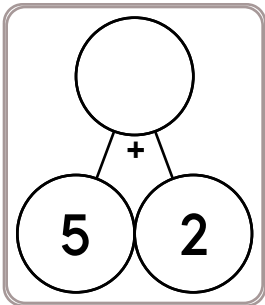
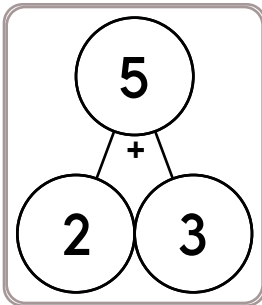
$$\begin{array}{r} 6 \\ X 3 \\ \hline \end{array}$$

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

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

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

Name: _____



$$\begin{array}{r} 19 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ - 6 \\ \hline \end{array}$$

J, I, I, H, _____, G,
G, F, F, E

59, 60, _____, 62, _____,
_____, _____

100, 110, 120, _____,
140, 150, 160, 170

$$\begin{array}{r} 87 \\ - 31 \\ \hline \end{array}$$

D, H, L, _____, T, X

Find three ways to
make 6.

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

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

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

4 tens + 4 ones = _____

7 tens + 6 ones = _____

2 tens + 8 ones = _____

1 ten + 0 ones = _____

Name: _____

8	-5		+4				+1		+21
				+8		-9			
									-12
				-7		-3		+1	
	+6		-2						
-11						-6		+3	
+16						+15		-8	
	-9		+2	10	-7			6	

Eric hopes to have a green truck someday. He saw nine trucks today. Four of the trucks Eric saw were not green. How many of the trucks that Eric saw were green?

Count by 4s.

16	_____	_____	_____	32	_____
_____	_____	_____	_____	_____	_____

Name: _____

Pick from the numbers to complete each number bond.

Number bond diagram with top circle 38, bottom-left empty, bottom-right 8.

32
28
13
9
30

Number bond diagram with top circle 44, bottom-left empty, bottom-right empty.

24
25
26
14
19

Number bond diagram with top empty, bottom-left empty, bottom-right 16.

17 33
19 35
17
32
17

Number bond diagram with top empty, bottom-left empty, bottom-right 10.

35 25
4
2
35
3

Number bond diagram with top circle 34, bottom-left empty, bottom-right empty.

2 5
1
14
22
12

Number bond diagram with top empty, bottom-left 25, bottom-right empty.

42 19
16
40
16
41

Number bond diagram with top empty, bottom-left empty, bottom-middle empty, bottom-right 7.

15
5
22
23
45

Number bond diagram with top circle 28, bottom-left empty, bottom-middle empty, bottom-right empty.

2 3
3 6
22
4
2

Number bond diagram with top empty, bottom-left empty, bottom-middle 13, bottom-right empty.

21 4
4
4
4
6

Number bond diagram with top empty, bottom-left empty, bottom-middle empty, bottom-right empty.

1 50
2 48
48
42
4

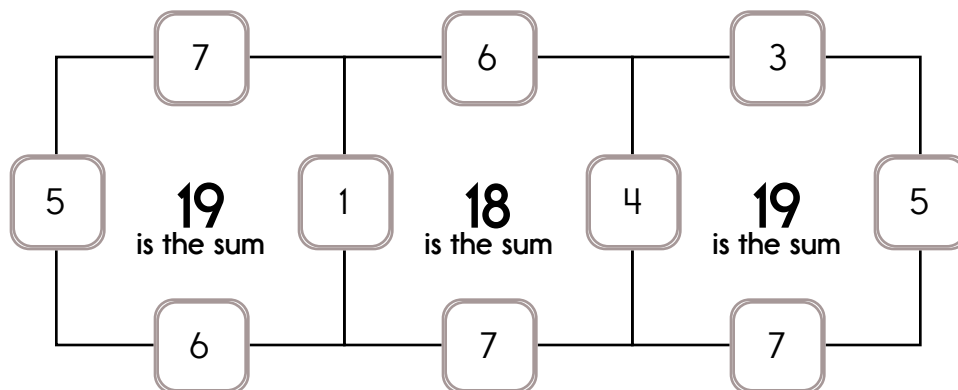
Example:

$$5 + 1 + 7 + 6 = 19$$

Example:

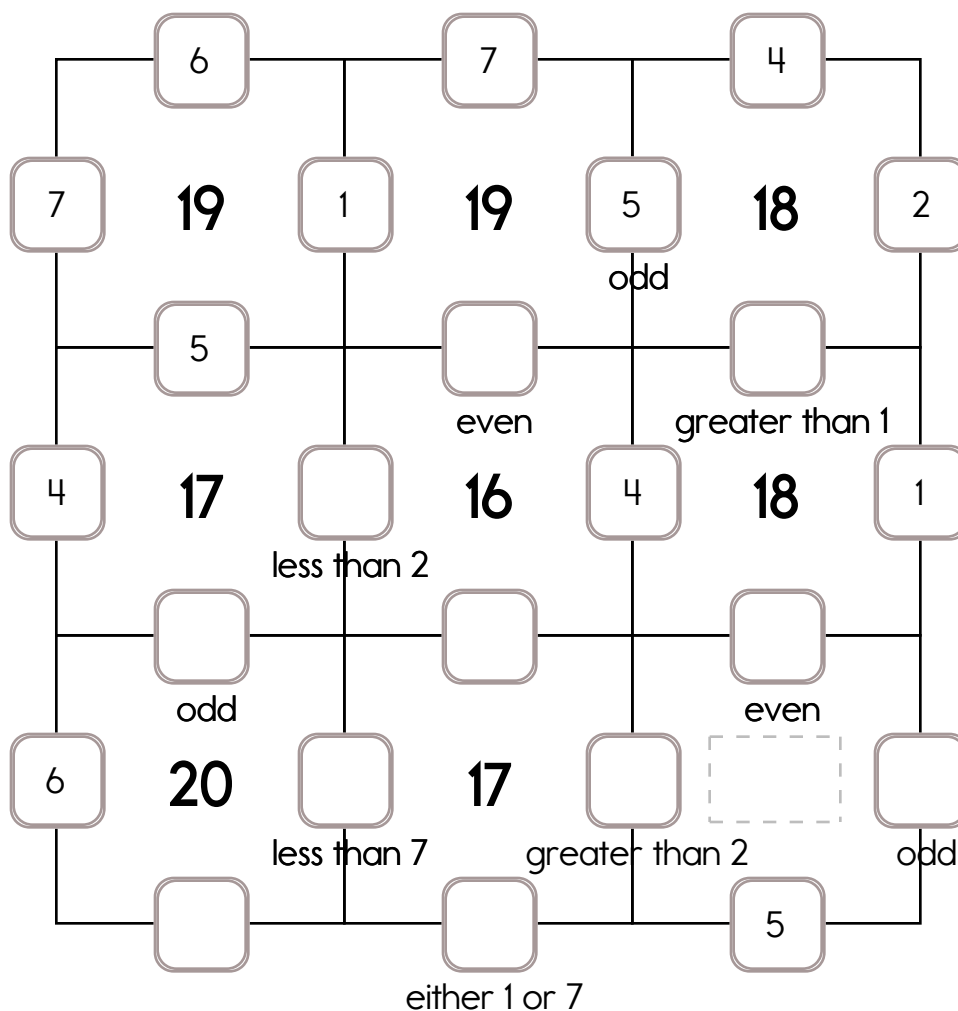
$$4 + 5 + 3 + 7 = 19$$

Sample:



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.

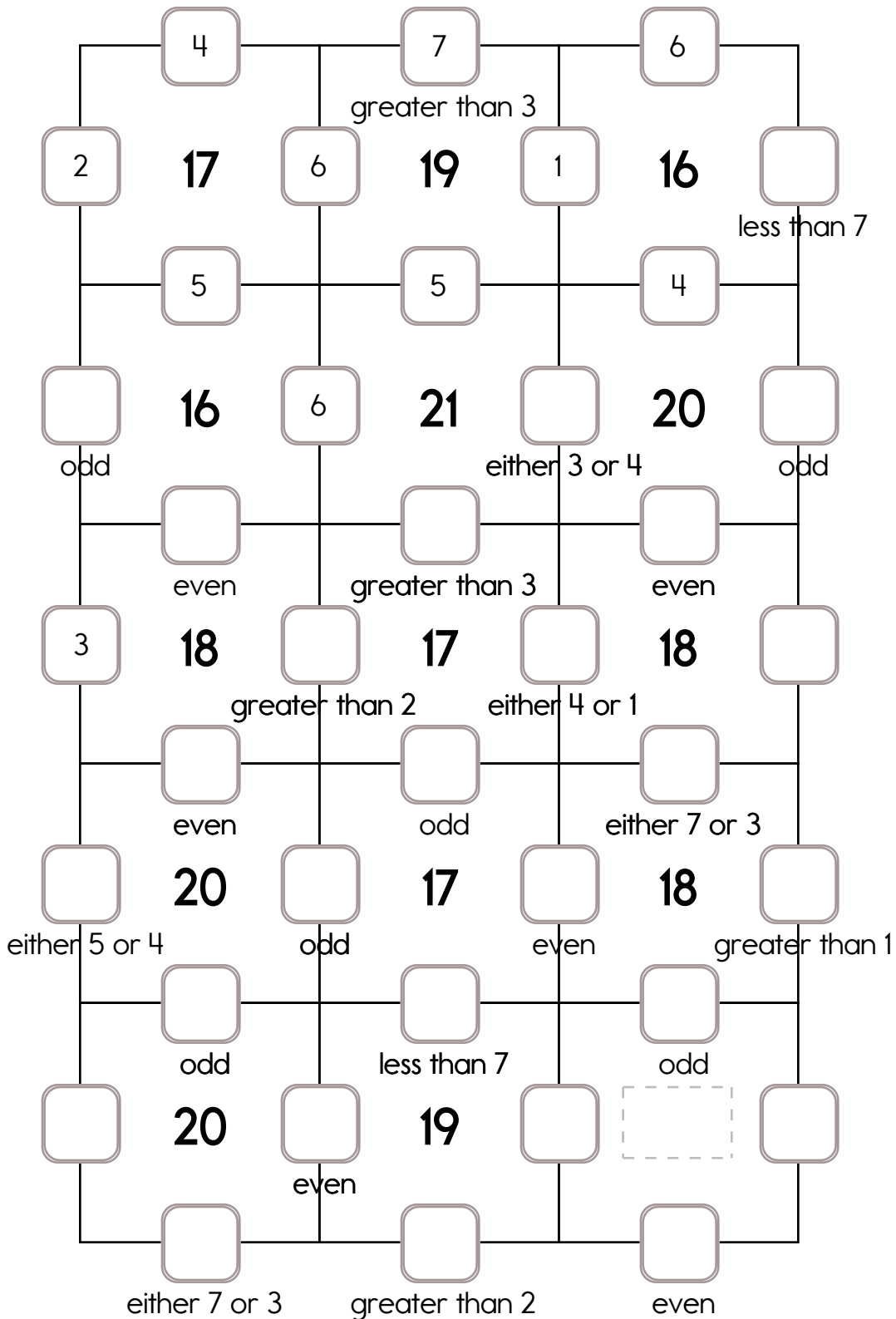


Name: _____

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: _____

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

X	O	
X	O	
		X

$$36 + 98 = \underline{\hspace{2cm}}$$

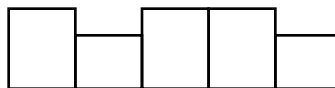
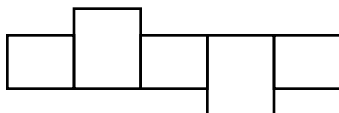
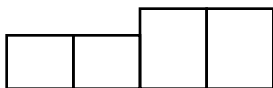
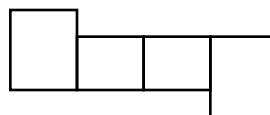
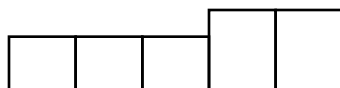
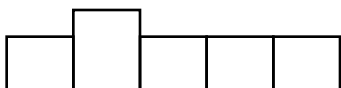
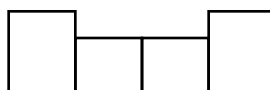
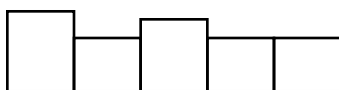
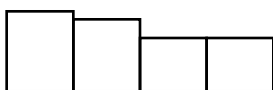
Write the missing sign.

$$7 \quad \underline{\hspace{1cm}} \quad 5 = 12$$

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

Write the words into the boxes.

smell • hello • twice • store • cold • keep • five • shape • back



How many days are there in two full weeks?

Circle the even number.

9 11 12 3
1 15

Tom's Grocery Store put 87 turkeys in its freezer before Thanksgiving. On the first day of the sale, 48 turkeys were sold. How many turkeys were left?

$$300 + 90 + 3$$

three hundred
sixty-one

Count by fives.

_____ 40 _____ 50

$$\begin{array}{r} 9 \\ 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 4 \\ + 3 \\ \hline \end{array}$$



Name: _____

Fill in the numbers.

16		
26		
36	37	38

		64	65		67
	73	74	75	76	
			85	86	

	35	36	
	45	46	47

56	57		59
		78	79
		88	
	97	98	99

	34	35	36
	44		46

		54		
			65	66
	73	74	75	76
				86
92	93	94	95	96

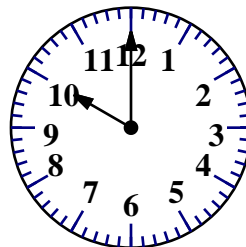
Write the words for each contraction.

we're

w			r	
---	--	--	---	--

hadn't

h			n		
---	--	--	---	--	--



_____ : _____

$$\begin{array}{r} 85 \\ - 76 \\ \hline \end{array}$$

100 less
than 872

$$70 + 29 = \underline{\hspace{2cm}}$$

How many weekend days are
there in three full weeks?

$$7+10+900$$

$$4+30+500$$

$$\begin{array}{r} 9 \\ 6 \\ + 86 \\ \hline \end{array}$$

How many tally marks?

|||| |

Six is an odd number.

yes no



Name: _____

Amy's sister is a toddler. Amy baby-sits for 1 hour and 30 minutes each day. If she starts at 3:20 p.m., what time is she finished?

I do not like green eggs and ham in the rain or on a train. I wish that Sam-I-Am would go away. He rode the train in the rain for 3 hours and 39 minutes to get to Whoville. If he left at 2:08 p.m., what time did he get to Whoville?

It took Maria forty-three minutes to do her puzzle. If she started at 12:02 p.m., what time did she finish the puzzle?

Name: _____

Mental Math

— #1 —

☀ Start with the number 44.

44



☀ Divide that number in half.

8 0 4 2 2 8 3 0 7 9 (Circle your answer to double check you are correct.)

☀ Double that number.

5 4 1 0 4 4 4 5 9 0

☀ Divide that number in half.

6 0 8 1 2 2 7 1 9 7

☀ Increase that number by 6.

9 7 2 8 1 7 5 1 6 2

☀ Double that number.

5 6 2 4 6 9 1 0 8 1

☀ Add a dozen.

3 6 8 3 2 4 4 7 8 6

☀ Double that number.

6 8 5 1 2 9 1 3 6 2

☀ Divide that number in half.

9 2 7 5 8 9 5 6 8 2

Name: _____

Write how much to add.

$$6 \quad (+4) \quad 10 \quad (+4) \quad 14$$

Start with 6.

Add 4. Repeat.

$$4 \quad (+) \quad 12 \quad (+) \quad 20$$

Start with ____.

Add _____. Repeat.

$$8 \quad (+) \quad 17 \quad (+) \quad 26$$

Start with ____.

Add _____. Repeat.

Write how much to add.

$$2 \quad () \quad 5 \quad () \quad 8$$

Start with ____.

Add _____. Repeat.

$$3 \quad () \quad 5 \quad () \quad 7$$

Start with ____.

Add _____. Repeat.

$$9 \quad () \quad 19 \quad () \quad 29$$

Start with ____.

Add _____. Repeat.

Write how much to add.

$$1 \quad () \quad 7 \quad () \quad 13$$

Start with ____.

Add _____. Repeat.

$$5 \quad () \quad 12 \quad () \quad 19$$

Start with ____.

Add _____. Repeat.

$$7 \quad () \quad 12 \quad () \quad 17$$

Start with ____.

Add _____. Repeat.

Write how much to add.

$$6 \quad () \quad 14 \quad () \quad 22$$

Start with ____.

Add _____. Repeat.

$$7 \quad () \quad 16 \quad () \quad 25$$

Start with ____.

Add _____. Repeat.

$$4 \quad () \quad 10 \quad () \quad 16$$

Start with ____.

Add _____. Repeat.

Write how much to add.

$$5 \quad (+) \quad 8 \quad (+) \quad 11$$

$$9 \quad (+) \quad 14 \quad (+) \quad 19$$

$$3 \quad (+) \quad 5 \quad (+) \quad 7$$

Name: _____

Complete the pattern.

10	15	20	25	30	_____
----	----	----	----	----	-------

3	4	5	6	7	_____
---	---	---	---	---	-------

40	48	56	64	72	_____
----	----	----	----	----	-------

40	50	60	70	80	_____
----	----	----	----	----	-------

7	14	21	28	35	_____
---	----	----	----	----	-------

Read the word.
Clap your hand for each syllable.
How many syllables?

all

1 2 3

four hundred
fifty-one

Cross out the word that does
not fit in the group as much
as the others.

fireplace	end table
rocker	sofa
armchair	bed

Write + or - in the circles.

$$19 \bigcirc 5 = 11 \bigcirc 13$$

$$3 \bigcirc 20 \bigcirc 13 = 12 \bigcirc 4 \bigcirc 6$$

Get your ruler. Draw a line using
your ruler that is 4 centimeters
long.



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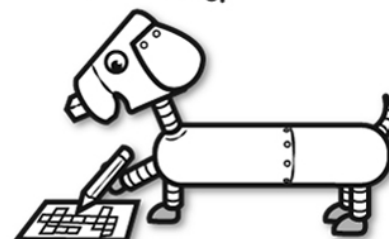
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