

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 4 in your head

add 8

Write the number.

\_\_\_\_\_  
A      B

imagine 4 in your head

add 8

subtract 2

Write the number.

\_\_\_\_\_  
C      D

imagine 8 in your head

double it

add 8

Write the number.

\_\_\_\_\_  
E      F

imagine 4 in your head

add 8

double it

add 6

Write the number.

\_\_\_\_\_  
G      H

What is the sum?

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

\_\_\_\_\_

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

\_\_\_\_\_ i \_\_\_\_\_ t \_\_\_\_\_

4 after 11 \_\_\_\_\_

6 before 11 \_\_\_\_\_

5 before 12 \_\_\_\_\_

5 after 13 \_\_\_\_\_

1 before 17 \_\_\_\_\_

2 before 18 \_\_\_\_\_

1 after 19 \_\_\_\_\_

3 before 19 \_\_\_\_\_

4 before 15 \_\_\_\_\_

6 after 12 \_\_\_\_\_

8 before 13 \_\_\_\_\_

9 before 16 \_\_\_\_\_

# Mental Math



**= Do it  
in your  
head!**

A                      B

C

D

<u>E</u>	<u>F</u>
1	1
1	2
1	3
1	4
1	5
1	6
1	7
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1	179
1	180
1	181

---

\_\_\_\_\_t\_\_\_\_\_-\_\_\_\_n\_\_\_\_e\_\_\_\_\_

2 after 13 \_\_\_\_\_

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

Maria bought a pair of jeans. She paid with 11 dollar bills, 4 dimes, 1 nickel, and 3 pennies. How much did she pay?

Sara counted 43 parents at the picnic. Emma counted 9 more than Sara. How many parents did Emma count?

Maria won a prize at the Good Neighbor Day party. The prize was a box of candy. There were 90 pieces of candy in the box. Maria shared 60 pieces of the candy with her friends. How many pieces does she have left?

Alex reads for 32 minutes. Maria reads for 16 minutes. How many more minutes does Alex read than Maria?

Rose picked 9 pink flowers. Then she picked 13 blue flowers. How many flowers did she pick in all?

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

		O
O	X	
X	X	

$$\begin{array}{r} 10 \\ + 62 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 31 \\ \hline \end{array}$$

100 less  
than 765

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

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

T, Z, T, Z, T, Z, \_\_\_\_, Z, T, Z, T, Z

D, \_\_\_\_, \_\_\_\_, B, D, B, D, B, D, B, D, \_\_\_\_, \_\_\_\_, B

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

121, \_\_\_\_, \_\_\_\_, 94, 85, 76, 67

83, 74, 65, \_\_\_\_, \_\_\_\_, \_\_\_\_

95, \_\_\_\_, 77, \_\_\_\_, \_\_\_\_, 50

128, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, 83, 74, 65, 56

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

Jessica had 27 smiley face stickers. She gave 9 stickers to Jane. How many stickers did she have left?

Robert made nine cookies. Each cookie had three pecans in it. How many pecans were in the cookies in all?

Kevin went to the beach. He found 3 quarters, 1 nickel, 4 dimes, and 5 pennies. How much money did he find in all?

Fill in the numbers.

52			55
	63	64	
72			

	77		
	87	88	
		98	

	16		
		27	28
		37	

Write + or - in the circles.

$$9 \bigcirc 3 = 2 \bigcirc 4$$

$$16 \bigcirc 2 = 6 \bigcirc 8$$

$$60 + 3 = \underline{\hspace{2cm}}$$

Write the missing sign.

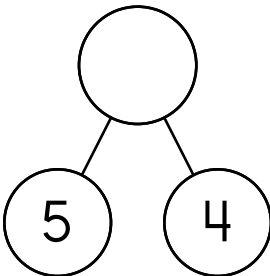
$$12 \text{ \_\_\_ } 4 = 16$$

$$\begin{array}{r} 85 \\ - 12 \\ \hline \end{array}$$

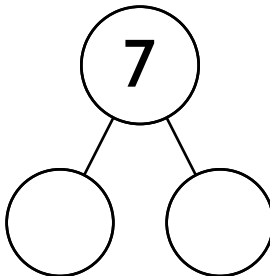
$$\begin{array}{r} 43 \\ - 11 \\ \hline \end{array}$$

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

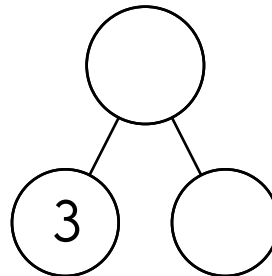
Pick from the numbers to complete each number bond.



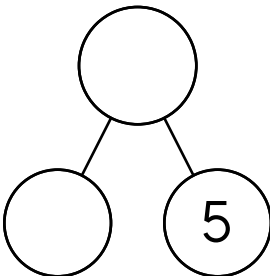
5  
9  
2  
1



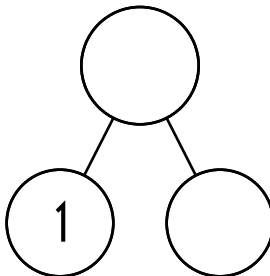
3  
3  
4  
5



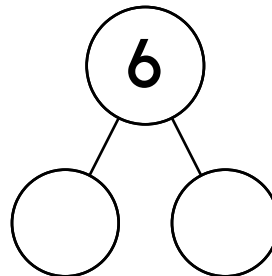
2  
7  
5  
5



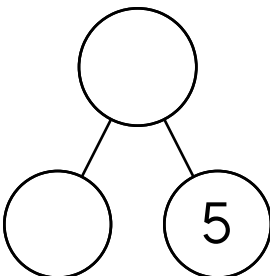
4  
5  
10  
5



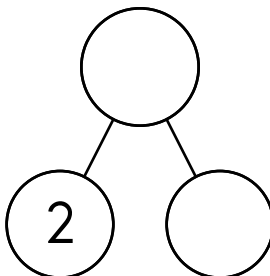
2  
8  
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7  
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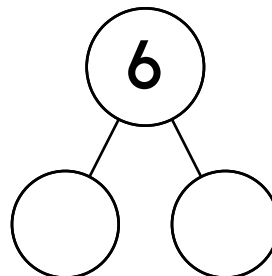
2  
2  
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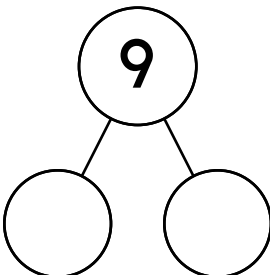
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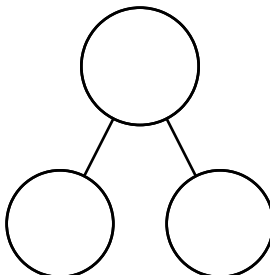
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8  
9  
12  
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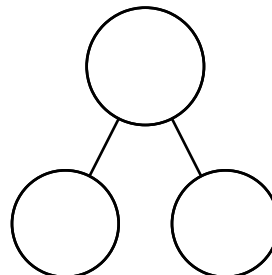
4  
1  
1  
5



8  
7  
10  
1



4  
3  
1  
6  
5



4  
8  
4  
2  
4

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

Cross off the letter that does NOT belong.

B, E, H, K, N, Q, T, W, Y, Z

Why does \_\_\_\_\_ not belong in the pattern?

Cross off the number that does NOT belong.

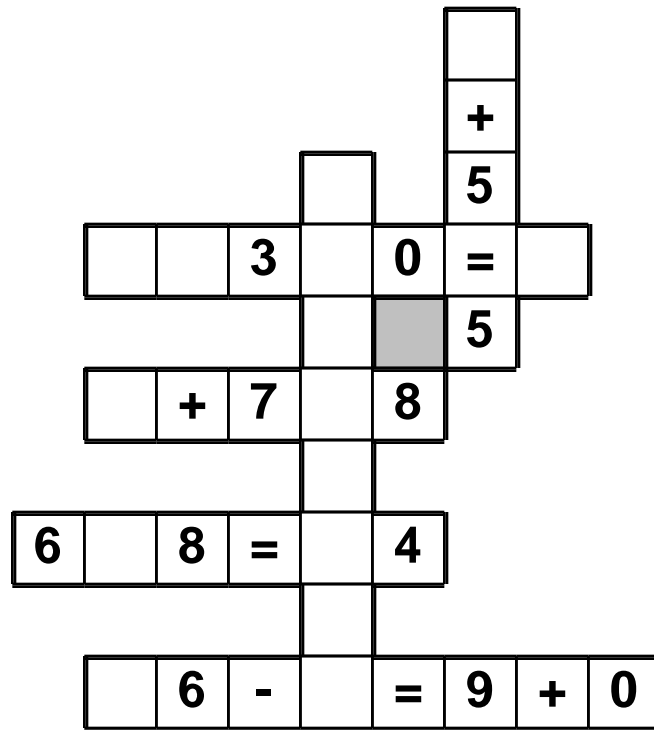
20, 25, 30, 35, 40, 45, 50, 53, 55, 60, 65

Why does \_\_\_\_\_ not belong in the pattern?

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

0 • 6 • 1 • + • + • 4 • 8 • 1 • = • 2 • + • 1 • - • 1 • 7

Use the pieces above to help you fill in the runaway math puzzle.



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

10, 12, \_\_\_\_\_, 16, 18, 20, 22,  
24, 26, 28

$$7 - 5 = \underline{\quad}$$

$$5 + \underline{\quad} = 7$$

Amy collects Frigid Dolls. She has 17 of them in the fridge. For her birthday she got 5 more. How many does she have now?

A two-digit odd number has a 6 in the tens place. The sum of the ones and tens digits is 7. What is the number?

10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, 22

What did you count by?



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

Change one letter in each word to make a new word.



note



no\_e



cat



\_\_\_\_\_

Change one letter in each word. Write the new word. Cross off the new letter in the box.

i • n • e • a • m • i

mice



mi\_e

cane



\_\_\_\_\_

meat



\_\_\_\_\_

love



\_\_\_\_\_

want



\_\_\_\_\_

think



\_\_\_\_\_

Write the final part of the math analogy.

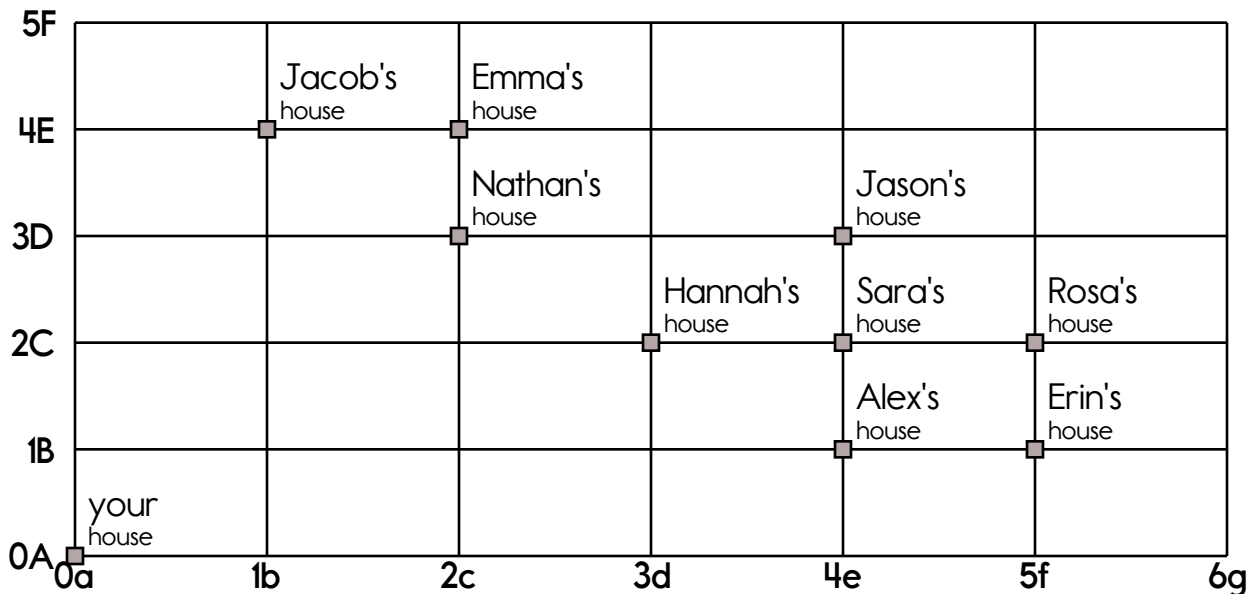
Round 1,413 : 1,000 :: Round 9,545 :

Explain why you think your answer is correct.

Write the missing sign.

$$9 \quad \_ \quad 7 = 2$$

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



Start at your house. Go right 3. Go up 2. You knock at the door. Who answers?

\_\_\_\_\_

How will you get from your house to Erin's house?

Go up \_\_\_\_\_. Go right \_\_\_\_\_.

Who is at Rosa's house? He had to go right 1 and then up 1 to get there. \_\_\_\_\_

\_\_\_\_\_

How can you get from Jason's house to Sara's house?

Go down \_\_\_\_\_.

Write the missing sign.

$$7 \quad \underline{\quad} \quad 6 = 1$$

Write **st** or **sp** to complete each word.

\_\_\_\_\_ep      \_\_\_\_\_ace

\_\_\_\_\_in      \_\_\_\_\_one

$$\begin{array}{r} 37 \\ - 14 \\ \hline \end{array}$$

Count by 4s.

16      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      32      \_\_\_\_\_

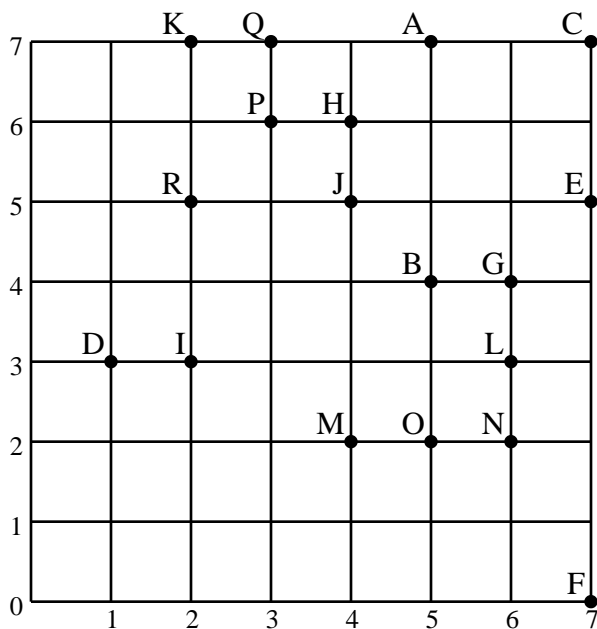
\_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_

Circle the odd number.

3      16      20      10  
8      12

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

Write the distance (in units) for each line segment on the coordinate grid.



$\overline{MO}$  1

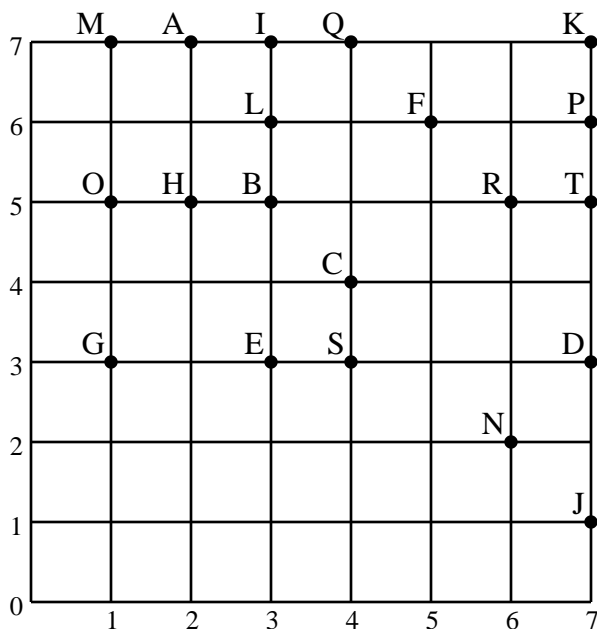
$\overline{KR}$  \_\_\_\_\_

$\overline{ID}$  \_\_\_\_\_

$\overline{GB}$  \_\_\_\_\_

$\overline{AQ}$  \_\_\_\_\_

$\overline{EC}$  \_\_\_\_\_



$\overline{RT}$  1

$\overline{BI}$  \_\_\_\_\_

$\overline{DJ}$  \_\_\_\_\_



$\overline{OM}$  \_\_\_\_\_

$\overline{PL}$  \_\_\_\_\_

$\overline{GS}$  \_\_\_\_\_

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


Puzzle:

	2	8
2		8
8	8	+

Work Area:

	2	8
2		8
8	8	+

The sum for each column  
and row is given.

 = \_\_\_\_\_

thirty-six plus seven equals

$$\begin{array}{r} 13 \\ + 10 \\ \hline \end{array}$$

Write the numbers.

six \_\_\_\_\_

seventeen \_\_\_\_\_

twenty \_\_\_\_\_

$$\begin{array}{r} 43 \\ - 2 \\ \hline \end{array}$$

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

$$19 - \underline{\quad} = 15$$

63, 72, 81, \_\_\_\_\_, 99, 108,

117, 126, 135

A two-digit even number  
has a 1 in the tens place.  
The sum of the ones and  
tens digits is 7. What is the  
number?

K, y, y, l, l, S, K, y, y, l, l,

S, K, \_\_\_\_\_, y

Draw 6 small squares.

Then color in some to  
show  $\frac{1}{3}$ .

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

Complete the pattern.

12	16	20	24	_____
----	----	----	----	-------

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

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

14	21	28	35	42	_____
----	----	----	----	----	-------

6	12	18	24	30	_____
---	----	----	----	----	-------

36	45	54	63	_____
----	----	----	----	-------

Write the words for each contraction.

when's

w					s
---	--	--	--	--	---

wouldn't

w					n		
---	--	--	--	--	---	--	--

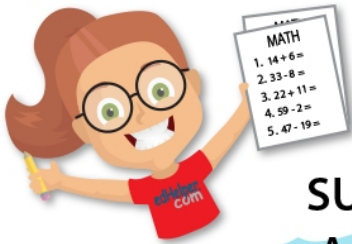
If October 8 is on a Friday,  
then what day of the week  
will October 12 fall on?

\_\_\_\_\_

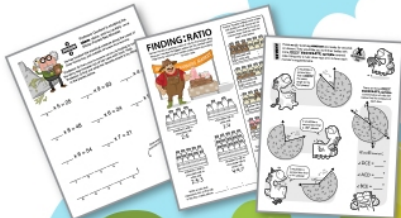
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+ =  
- ÷  
< >

More puzzles!





