

Name: _____

Find the missing numbers.

If

$$1, 5 = 6$$

$$2, 8 = 10$$

$$3, 13 = 16$$

$$4, 16 = 20$$

Then

$$5, 19 = ?$$

If

$$8, 10 = 80$$

$$9, 12 = 108$$

$$10, 16 = 160$$

$$11, 20 = 220$$

Then

$$12, 24 = ?$$

Complete each pattern. Write what the rule is.

13, 19, 26, 34, 43, 53, 64, _____, _____, 103, 118, 134, 151, 169

21, 27, 34, 42, 51, 61, _____, 84, 97, 111, 126, _____

25, _____, _____, 46, 55, 65, 76, 88, 101, 115, 130, 146, 163, _____

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 3 in your head

add 8

subtract 6

Write the number.

A

imagine 3 in your head

multiply 7

subtract 8

double it

Write the ones digit.

B

imagine 2 in your head

multiply 9

double it

add 6

add 5

Write the odd digit
in your answer.

C

imagine 9 in your head

subtract 7

multiply 3

multiply 12

add 8

Write the tens digit.

D

What is the sum?

$A + B + C + D$

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

_____ n _____ - _____ x _____

3 after 14 _____

8 before 11 _____

8 after 16 _____

7 after 15 _____

9 before 16 _____

4 after 18 _____

5 after 11 _____

7 before 15 _____

2 after 12 _____

1 after 13 _____

3 before 17 _____

9 after 17 _____

Name: _____

Menhaden Market sells canned anchovies and sardines. Seventeen cans of anchovies are packed in a box. Thirteen cans of sardines are packed in a box. If Daria's Deli buys nine boxes of anchovies and nine boxes of sardines, how many more cans of anchovies will she have than cans of sardines?

Kevin planted 31 trees on Arbor Day, but he forgot what kind of tree he planted by his window. He knew he planted 10 maple trees, 8 elm trees, and 13 oak trees. He guessed that the tree by his window was a maple tree. What is the probability that he is right?

Alex never spends the coins he gets. He has 27 dimes. But that's nothing! He has 3 times as many nickels as dimes. How much money does he have in all?

What one-digit number is missing in this equation?

$$22 \times \underline{\quad} + 22 = 132$$

Name: _____

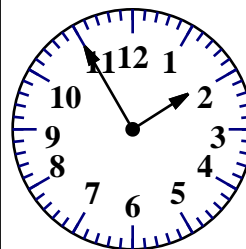
Cindy has 93 cents. She spends 75 cents for jelly. How much does she have left?	The workers picked up 57 pounds of trash in the first hour. In the second hour they picked up 98 pounds of trash. How much more trash did they pick up in the second hour?	Adam found 5 cans, 2 toys, 6 plastic bags, and some paper in the creek. Jack found 5 toys, 8 cans, 9 plastic bags, and 2 nickels. How many plastic bags did they find in all?
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Write how much to add or subtract.

7 $\bigcirc + 3$ 10 $\bigcirc + 3$ 13	6 \bigcirc 8 \bigcirc 10	14 \bigcirc 8 \bigcirc 2
22 \bigcirc 15 \bigcirc 8	29 \bigcirc 19 \bigcirc 9	5 \bigcirc 9 \bigcirc 13
14 \bigcirc 9 \bigcirc 4	1 \bigcirc 9 \bigcirc 17	21 \bigcirc 12 \bigcirc 3

$$67 + 36 = \underline{\hspace{2cm}}$$

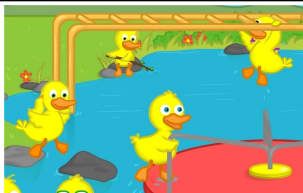
ten more
than 271



_____ : _____

$$\begin{array}{r} 77 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ 31 \\ + 59 \\ \hline \end{array}$$



Which number is odd?

☐ 78 ☐ 77

5:00 a.m. to 5:00 p.m.

☐ 2 hours ☐ 4 hours
☐ 12 hours ☐ 3 hours

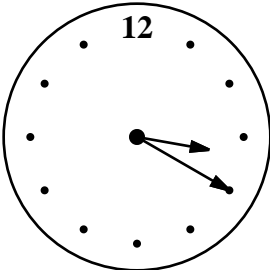
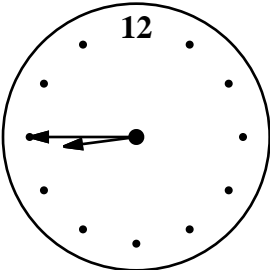
2 _____ 2

☐ < ☐ > ☐ =

Name: _____

<p>Mary is packing picnic baskets for her family's annual beach picnic. The picnic is so much fun! She gets to see all her aunts and uncles and cousins at one time. There will be 35 people at the picnic this year. Each basket has food for 5 people. How many baskets will she need to pack?</p>	<p>Jason bought a jar of honey for \$3.29 and a book about bees for \$5.62. How much did he spend in all?</p>	<p>Eggs cost \$1.11 for one dozen. How much would it cost to buy three dozen eggs?</p>
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<p>Share 28 equally among 4.</p> <p>_____</p>	<p>Fill in the missing fractions.</p> <p>_____, $\frac{2}{6}$, _____, $\frac{4}{6}$</p>	$\begin{array}{r} 10 \\ 21 \\ + 56 \\ \hline \end{array}$
---	---	---

 <p>current time (pm)</p>	 <p>time party starts (pm)</p>	<p>$5 \times 5 = \underline{\hspace{2cm}}$</p> <p>$5 \times 9 = \underline{\hspace{2cm}}$</p>
<p>How long until the party? _____</p>		


<p>If $P + P = 18$, then what does P equal?</p> <p>_____</p>	<p>How many centimeters are in three hundred millimeters?</p> <p>_____</p>
---	--




Name: _____

What is the ratio of boys to girls in your class? _____	If you add 9 to me, the sum is 81. What number am I? _____	$\begin{array}{r} 99 \\ - 85 \\ \hline \end{array}$
--	---	---

<p>This is the look at one cube that is turned around a few times.</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">6 5 1</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">6 4 5</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">4 2</div> </div> <p>This pattern can be folded into the cube. Fill in the missing boxes.</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> <div style="border: 1px solid black; padding: 5px; text-align: center;">2</div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> <div style="border: 1px solid black; padding: 5px; text-align: center;">4 6</div> </div> </div> </div>	<p>Rosa and Erin ran a race. Rosa came in fiftieth place. Erin was three runners after Rosa. Write the ordinal number for the place that Erin came in.</p> <p>_____</p>	$9 \overline{)18}$
	<p>If there are four orange marbles and two green marbles in a box, what is the probability that you will pick out a green one with your eyes shut?</p> <p>_____</p>	

How many hours are in five days? _____	Write a word problem for $2 \times 5 = 10$.
	

The factors of 18 are 1 _____ 18	Circle the largest number.
	<div style="display: flex; justify-content: space-around;"> 888 932 281 </div> <div style="display: flex; justify-content: space-around;"> 349 318 329 </div>

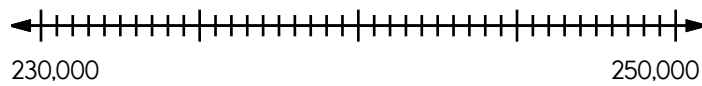
	Write this number using words.	$\begin{array}{r} 22 \\ + 13 \\ \hline \end{array}$	Which is longer: three feet or thirty-one inches? _____
---	--------------------------------	---	--

Name: _____

The month before me has thirty-one days. The month after me has thirty-one days. What month am I?

April
December
August
October

Locate where to put the number 249,500 and label the point M.



Write an antonym for "least."

Complete each analogy with the best word.

sail	settlement
space	Washington, DC
rocket	President
choose	ballot

One side of a square measures two centimeters. What is the area of this square?

sailor : ocean ::

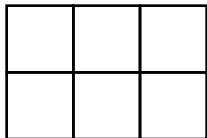
astronaut : _____

Calculate the product of 4 and 9.

govern : lead ::

elect : _____

Color in $\frac{1}{2}$.



How many inches are in three feet?

Write two odd numbers that when added together equal the even number 34.

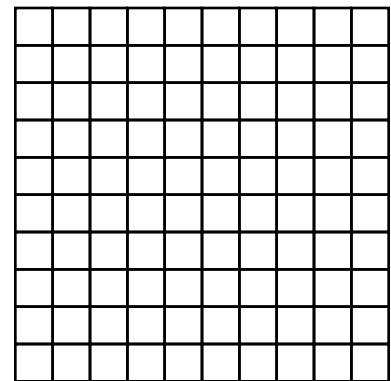
$$\begin{array}{r} 50 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 74 \\ \hline \end{array}$$

Color $\frac{9}{10}$.



Is 23 prime or composite?



Name: _____

$$\begin{array}{r} 63,749 \\ - 42,618 \\ \hline \end{array}$$

$$\begin{array}{r} 108,950 \\ - 35,889 \\ \hline \end{array}$$

$$\begin{array}{r} 33,994 \\ + 63,160 \\ \hline \end{array}$$

$$\begin{array}{r} 97,511 \\ + 60,325 \\ \hline \end{array}$$

$$\begin{array}{r} 116,201 \\ - 79,513 \\ \hline \end{array}$$

$$\begin{array}{r} 32,826 \\ + 28,220 \\ \hline \end{array}$$

$$\begin{array}{r} 58,144 \\ + 24,043 \\ \hline \end{array}$$

$$\begin{array}{r} 77,118 \\ + 26,550 \\ \hline \end{array}$$

$$\begin{array}{r} 69,306 \\ - 28,877 \\ \hline \end{array}$$

$$\begin{array}{r} 70,204 \\ - 20,461 \\ \hline \end{array}$$

$$\begin{array}{r} 50,071 \\ - 15,020 \\ \hline \end{array}$$

$$\begin{array}{r} 25,877 \\ + 28,363 \\ \hline \end{array}$$

$$\begin{array}{r} 115,522 \\ - 30,799 \\ \hline \end{array}$$

$$\begin{array}{r} 97,931 \\ - 20,140 \\ \hline \end{array}$$

$$\begin{array}{r} 156,658 \\ - 66,024 \\ \hline \end{array}$$

$$\begin{array}{r} 44,192 \\ + 82,652 \\ \hline \end{array}$$

$$\begin{array}{r} 44,670 \\ + 61,748 \\ \hline \end{array}$$

$$\begin{array}{r} 53,967 \\ + 86,003 \\ \hline \end{array}$$

$$\begin{array}{r} 10,252 \\ + 98,525 \\ \hline \end{array}$$

$$\begin{array}{r} 126,877 \\ - 43,829 \\ \hline \end{array}$$

$$\begin{array}{r} 119,790 \\ - 40,758 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} - 6 \\ \hline 17 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 7 \\ \hline \square \end{array}$$

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

$$\begin{array}{r} - 4 \\ \hline 36 \\ + \square \\ \hline \end{array}$$

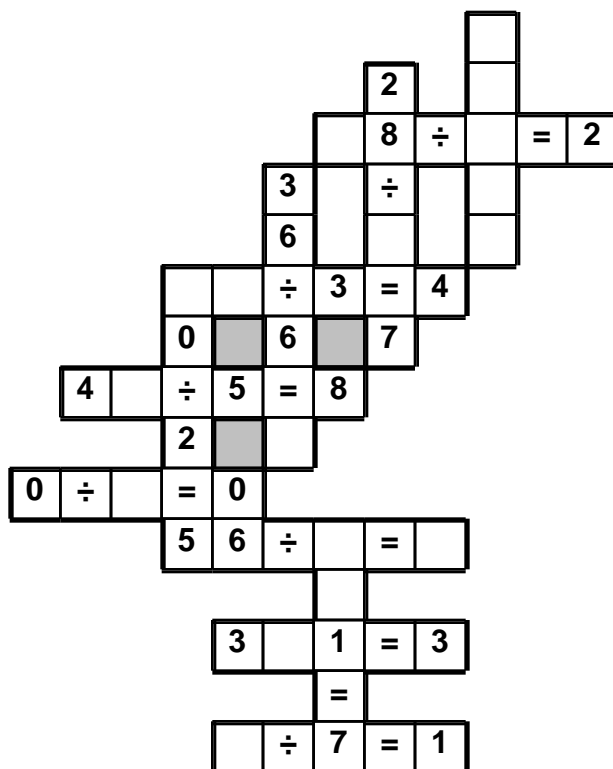
$$\begin{array}{r} 45 \\ - \square \\ \hline 37 \end{array}$$

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

Name: _____

9 • ÷ • 1 • 9 • = • 4 • 1 • 1 • 2 • 0 • 6 • 6 • 7 • 8 • ÷ • ÷ • 7

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



This polygon has three more sides than a quadrilateral. What polygon is this?

Write the correct symbol.

< = >

89,873 ○ 89,873

☐ suhne

☐ sunny

☐ sehnee

☐ suny

Make a pattern.

Start with 62.

Add 9.

_____, _____, _____, _____, _____, _____

Circle the coordinating conjunction in this sentence.

I was going to talk to you about the homework assignment yesterday, but when Mr. Jobs announced the test, I forgot everything else.



Name: _____

☒ $18 + 4 = 22$

☐ $10 + 4 =$

☐ $10 + 16 =$

☐ $9 + 6 =$

☐ $14 + 12 =$

☐ $9 + 15 =$

☐ $8 + 10 =$

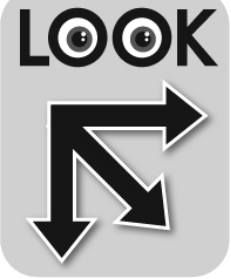
☐ $14 + 7 =$

☐ $7 + 10 =$

☐ $3 + 4 =$

☐ $16 + 13 =$

1	17	10	8	2	10	16	21	16	14	7	20	6	22	27	14
7	25	19	4	28	4	26	4	8	40	7	19	16	13	3	22
15	14	3	26	25	6	19	28	10	13	1	21	13	29	19	18
25	21	20	4	29	7	16	6	18	3	26	25	29	6	4	3
12	30	9	28	15	24	20	18	9	54	9	18	14	21	10	10
18	21	23	9	21	15	10	12	15	15	16	10	4	14	4	16
14	11	15	4	3	22	2	30	6	16	24	3	21	24	9	15
7	18	18 + 4 = 22	18	3	4	7	2	11	18	16	24	7	25		
54	28	22	4	70	14	15	4	24	8	30	14	24	10	10	6
12	6	13	7	30	12	16	9	6	15	10	23	10	14	17	25
17	16	26	12	10	10	21	6	6	8	70	14	7	4	10	21
30	14	12	2	8	10	19	15	12	54	10	26	7	20	15	25
40	3	12	6	6	9	24	26	17	26	16	14	15	14	80	13
16	22	14	26	80	22	18	10	4	16	26	7	16	15	19	6



Write
operation.

Write = sign.

Circle.

☒ $14 + 8 = 22$

☐ $5 + 3 =$

☐ $12 + 18 =$

☐ $18 + 9 =$

☐ $16 + 10 =$

☐ $17 + 4 =$

☐ $7 + 15 =$

☐ $17 + 3 =$

☐ $9 + 3 =$

☐ $11 + 18 =$

☐ $5 + 13 =$

8	19	9	20	16	14	6	65	10	10	26	13	6	21	5	51
5	22	3	3	6	27	6	14	51	23	26	27	18	7	12	13
18	3	12	26	11	8	18	18	68	22	16	65	11	25	5	3
30	11	18	29	18	13	15	9	9	17	4	21	29	23	18	15
7	15	22	3	8	8	18	17	29	27	4	29	3	27	8	3
16	12	7	28	19	27	4	17	3	20	7	13	5	13	18	20
3	13	15	16	13	12	15	14	22	16	17	17	27	15	6	9
5	28	12	20	17	9	25	27	16	26	29	22	68	3	13	8
9	12	21	9	17	3	3	15	10	10	17	18	30	17	6	13
17	5	14 + 8 = 22	3	32	19	26	11	25	22	8	19	20	24		
13	8	3	8	7	22	26	18	9	9	28	12	18	12	29	14
22	9	13	8	16	28	11	17	11	9	12	18	18	13	21	9
29	21	20	30	17	32	6	27	15	14	10	30	22	17	3	9

Name: _____

$$18 \overline{) 871}$$

$$22 \overline{) 230}$$

$$3 \overline{) 144}$$

$$18 \overline{) 324}$$

$$6 \overline{) 168}$$

$$20 \overline{) 120}$$

$$21 \overline{) 189}$$

$$50 \overline{) 1111}$$

$$6 \overline{) 144}$$

$$4 \overline{) 169}$$

$$7 \overline{) 140}$$

$$22 \overline{) 804}$$

Write the number that has exactly 12 ones.

double 30 =

You have a playdate in 300 minutes. How many hours is that?

8, 10, _____, 14, 16, 18,
20

Draw a small clock that shows 5 minutes past 8:00.

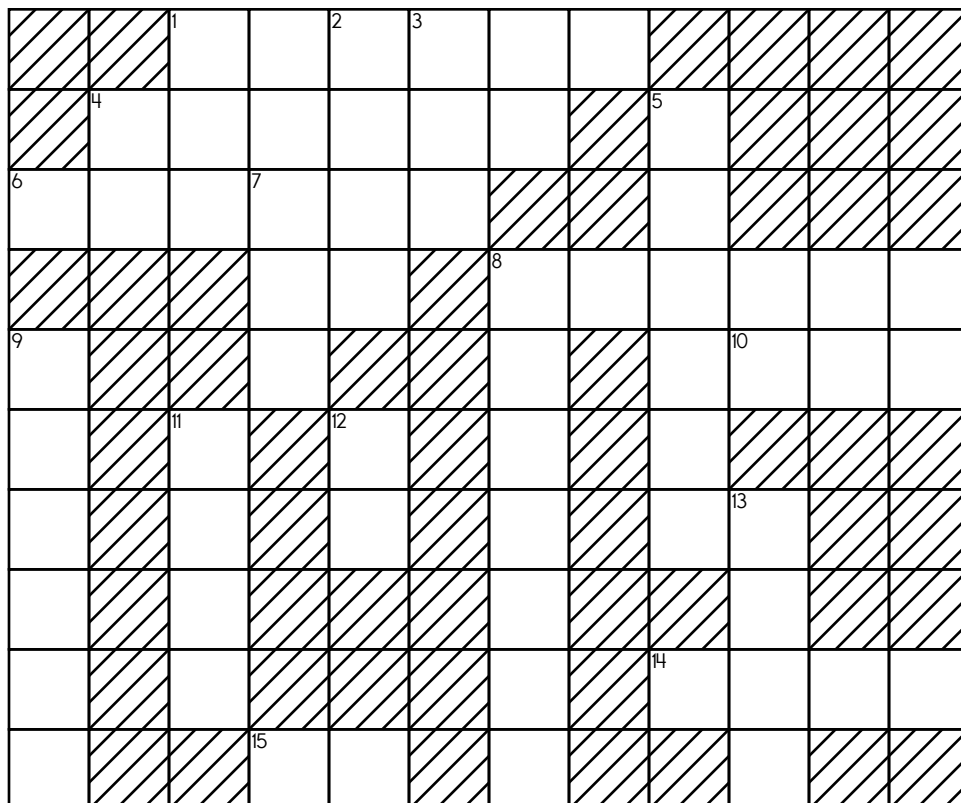
$32 \div \underline{\quad} = 8$

Name: _____

ACROSS

DOWN

1. the hundred thousands in 9-Down + the tens in 15-Across + the hundreds in 4-Across + the thousands in 14-Across
 4. the hundred thousands in 9-Down + the hundreds in 7-Down + the tens in 3-Down + the ones in 12-Down
 6. the tens in 15-Across + the hundred thousands in 9-Down + the ones in 12-Down + the hundreds in 7-Down
 8. the hundreds in 6-Across + the tens in 15-Across + the hundred thousands in 9-Down + the thousands in 2-Down
 10. the tens in 2-Down + the hundreds in 3-Down + the ones in 7-Down
 14. the thousands in 13-Down + the ones in 11-Down + the tens in 9-Down
 15. $6 + 14$
2. the hundreds in 7-Down + the tens in 15-Across + the thousands in 9-Down
 3. the tens in 15-Across + the ones in 6-Across + the hundreds in 7-Down
 5. the hundreds in 7-Down + the tens in 6-Across + the thousands in 2-Down + the hundred thousands in 8-Across
 7. the ones in 12-Down + the tens in 15-Across + the hundreds in 9-Down
 8. **nine million, eight hundred twenty-one thousand, thirty-four**
 9. nine hundred seven thousand, nine hundred ninety-six
 11. the tens in 15-Across + the ones in 4-Across + the thousands in 13-Down + the hundreds in 7-Down
 12. $3 + 11$
 13. the hundreds in 5-Down + the thousands in 2-Down + the ones in 3-Down





It's NO PREP at edHelper.

More history!

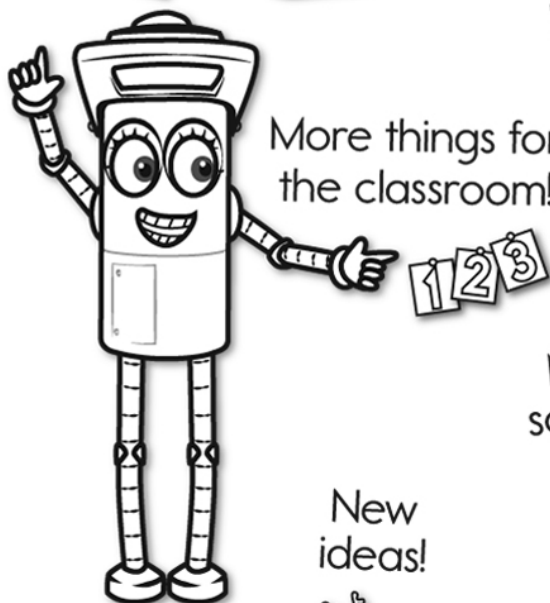


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x
+ =
- ÷
< >

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