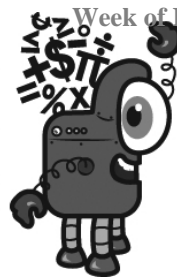


Name: _____

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 7 in your head

double it

add 5

Add the tens digit to the ones digit.
Write the sum.

A B

imagine 3 in your head

multiply 5

subtract 9

double it

add 3

Write the tens digit.

C

imagine 8 in your head

subtract 3

subtract 2

add 6

double it

subtract 7

Write the tens digit.

D

imagine 8 in your head

multiply 7

subtract 6

add 6

subtract 8

Write the tens digit.

E

What is the sum?

A + B + C + D + E

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

_____n_____

1 after 15 _____

6 before 19 _____

3 before 17 _____

6 after 16 _____

8 before 11 _____

7 before 12 _____

9 after 18 _____

4 before 14 _____

2 before 16 _____



Name: _____

Get a fidget spinner! Spin it.

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

Write the missing family fact.

$$70 \div 5 = 14$$

$$14 \times 5 = 70$$

$$70 \div 14 = 5$$

What 4 coins add up to 36 cents?

Yummy Donuts gave two dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?

Estimate quickly the difference.

$$7,650 - 1,700$$

Round 11,705 to the nearest thousand.

8, 10, 12, 14, 16, 18, 20,
_____, 24

It was 2 degrees above zero in the morning. By afternoon the temperature rose 22 degrees. How warm was it?

How many centimeters in 940.7 meters?

$$66 \div 6 + 7$$

How many minutes is it from 9:00 a.m. to 11:45 a.m.?

120 divided by 10 equals

What is 50% of 454?

$$40 + n = 58$$

$$12 \div \frac{1}{8}$$

Write $\frac{3}{6}$ in lowest terms.

Name: _____

Pay the bill!

Rosa needs money. She wants to get \$60 in cash, so she writes a check payable to cash in this amount. Write this check.

ROSA	1095
	DATE _____
PAY TO THE ORDER OF _____	\$ <input style="width: 100px;" type="text"/>
_____	DOLLARS
MEMO _____	
⑆99135034⑆	⑈49474⑈ 1095

Pay the bill!

Rosa received a bill from Central Water for \$145.40. Write the check as Rosa would write it.

ROSA	1096
	DATE _____
PAY TO THE ORDER OF _____	\$ <input style="width: 100px;" type="text"/>
_____	DOLLARS
MEMO _____	
⑆99135034⑆	⑈49474⑈ 1096

Write a 3-digit odd number.

$$9 \div 3 =$$

$$8 \times 12 - 2 - 7$$

Write the least possible 5-digit number using only 2 different numbers.

Wendy has 40 books. She organized them equally into 4 boxes. How many books in each box?

E, _____, I, K, M, O,
Q, S, U, W, Y

Name: _____

		+		=	
	C		C		24
+	A		A		40
+	C		B		34
=					
	44		?		

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + C = 24 \quad A + A = \underline{\quad} \quad \underline{\quad} + \underline{\quad} = 34$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = 44$$

Additional hints:

$$C < 21 \quad B = C + 10$$

Show Work:

Solve:

$$? = \underline{\quad}$$

Name: _____

Levi Strauss traveled from his home in Bavaria, a distance of approximately 4,013 miles, to join his brothers in New York City. Just a few years later, he traveled from New York City to San Francisco, California, approximately 2,543 miles. How much further was his trip from Bavaria to New York City than his trip from New York City to San Francisco?

Sara made a poster for Eye Safety Day. She divided the poster into four parts. One part was blue. One part was red. One part was green. One part was yellow. She put an equal number of pictures in each part. She used 24 pictures. How many were in each part?

$$12 + 8 + (4 \times 12)$$

How many total legs are on 4 tigers and 5 ants?

What number is halfway between 15 and 23?

Mrs. Johnson is making a honey cake. She will use $\frac{5}{8}$ of a cup of honey in the cake and $\frac{3}{8}$ of a cup of honey in the frosting. How much honey will she use in all?

Last week volunteers planted 16,868 plants in the Niles City Park. Write that number in expanded form.

During International Language Week, $\frac{3}{10}$ of the students at Martin High School checked foreign language books out of the library. What percent of the students checked out foreign language books?

At 1 p.m. today, Maria will not be able to use her electronics for 3 hours. At what time will she be able to resume using her phone?

You have a playdate in 240 minutes. How many hours is that?

I, K, J, _____, K, M, L,
N, M, O

Name: _____



$___ \times 8 = 64$

$___ \times 7 = 28$

$7 \times ___ = 14$

$5 \times ___ = 40$

$___ \times 9 = 54$

$6 \times ___ = 12$

$9 \times ___ = 36$

$___ \times 9 = 27$

$2 \times ___ = 8$

$___ \times 5 = 35$

$5 \times ___ = 45$

$___ \times 5 = 40$



$601 - 55 =$

$253 - 18 =$

$995 - 85 =$

$870 - 17 =$

$194 - 72 =$

$901 - 44 =$

$832 - 14 =$

$152 - 99 =$

$$\begin{array}{r} 124 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 667 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 458 \\ - 85 \\ \hline \end{array}$$

$$\begin{array}{r} 807 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 457 \\ - 19 \\ \hline \end{array}$$

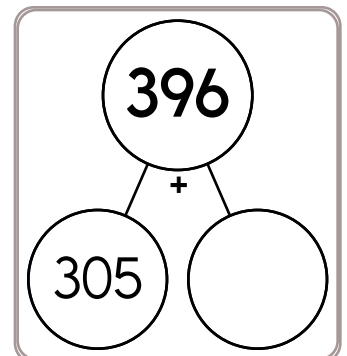
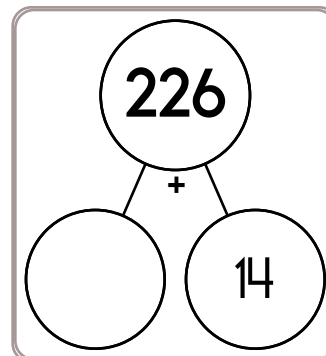
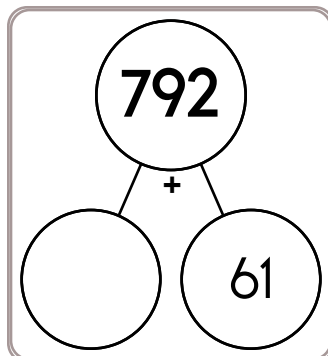
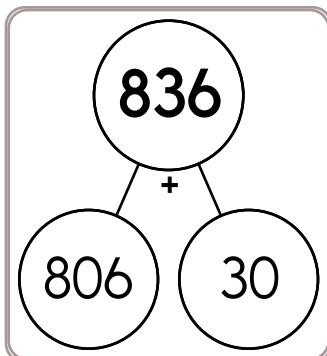
$$\begin{array}{r} 359 \\ - 93 \\ \hline \end{array}$$

$$\begin{array}{r} 702 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 291 \\ - 96 \\ \hline \end{array}$$

$$\begin{array}{r} 695 \\ - 90 \\ \hline \end{array}$$

$$\begin{array}{r} 916 \\ - 79 \\ \hline \end{array}$$



Name: _____

$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 34 \quad 14 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 450 \quad 10 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 493 \quad 29 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 483 \quad 23 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 32 \quad 10 \end{array}$
--	---	---	---	--

$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 385 \quad 11 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 500 \quad 20 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 399 \quad 19 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 18 \quad 20 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 481 \quad 13 \end{array}$
---	---	---	--	---

$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 165 \quad 15 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 390 \quad 39 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 315 \quad 15 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 228 \quad 19 \end{array}$	$\begin{array}{c} \bigcirc \\ \diagup \quad \diagdown \\ \text{x} \\ \bigcirc \quad \bigcirc \\ 297 \quad 27 \end{array}$
---	---	---	---	---

Change $\frac{1}{2}$ to a decimal.

$$\begin{array}{r} 8.5 \\ \times 2 \\ \hline \end{array}$$

Change $\frac{3}{20}$ to a decimal.

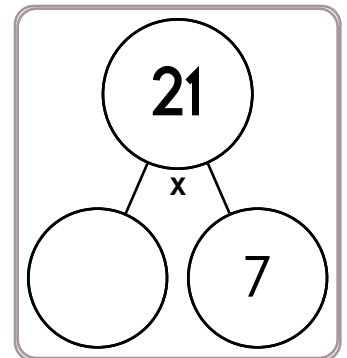
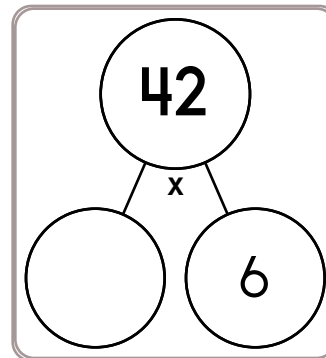
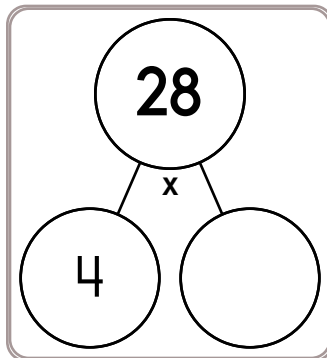
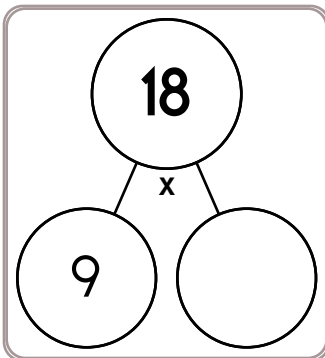
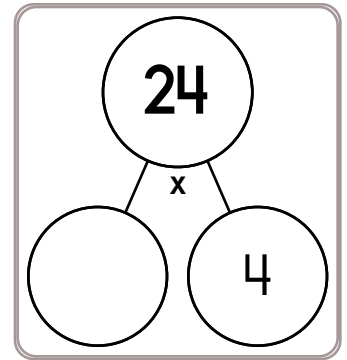
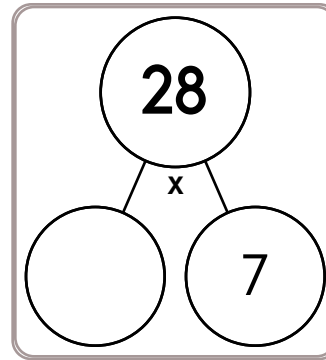
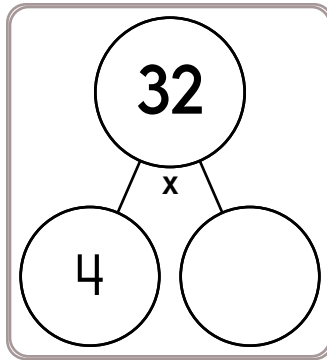
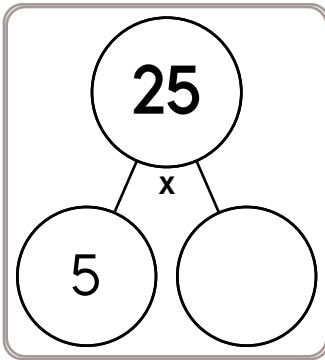
Anna has 22 nickels. How much money is that?

Round 193 to the nearest ten.

If you exchange 110 dimes for dollars, then how many dollars would you get?



Name: _____



$189 \div 9 =$

$285 \div 95 =$

$324 \div 4 =$

$485 \div 5 =$

$522 \div 87 =$

$174 \div 2 =$

$228 \div 76 =$

$648 \div 72 =$



$44 \div \underline{\quad} = 11$

$\underline{\quad} \div 9 = 11$

$72 \div \underline{\quad} = 12$

$\underline{\quad} \div 10 = 11$

$\underline{\quad} \div 9 = 12$

$48 \div \underline{\quad} = 4$

$24 \div \underline{\quad} = 6$

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

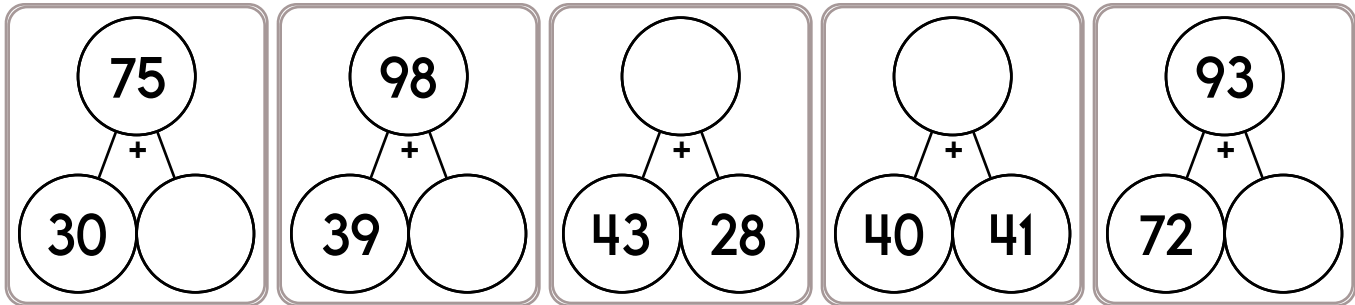
$50 \div \underline{\quad} = 10$

$\underline{\quad} \div 6 = 10$

$66 \div \underline{\quad} = 11$

$\underline{\quad} \div 8 = 6$

Name: _____



Write the reciprocal.

$$\frac{12}{14}$$

Write the reciprocal.

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

Write the reciprocal.

6

Jenna has \$33. She wants to buy something that costs \$96. How much more does she need?

What number is halfway between 0 and 24?

$$397 + 6 =$$

$$\underline{\hspace{1cm}} \div 3 = 5$$

$$12 \times 8 - 2$$

How many total legs are on 13 elephants?

Circle the five numbers whose sum equals 38.

2	12	2	3
12	1	8	6
9	2	4	8

Circle the three numbers whose sum equals 27.

3	3	7	7
17	11	7	3

What number is halfway between 33 and 41?

Name: _____

What is the rule for each pattern?

22, 104, 20, _____, _____, 76, 16, 62, 14, 48, 12, 34, 10

20, 33, 36, 42, _____, _____, 68, 60, 84, 69, 100, 78

Complete each pattern. Write what the rule is.

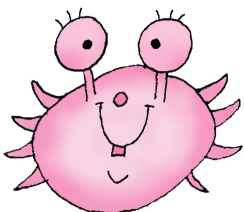
19	38	57
76		114
133		171

Name: _____

<p>Eric's remote-controlled plane travels in a circle with a circumference of 15 feet. It made 7 complete trips around the circle before it crashed and broke off one of its wings. Wow, did that make Eric grouchy! How many yards did the plane travel in a circle before it crashed?</p>	<p>Anne needs at least 35 minutes to get ready for the Easter parade. The parade begins at 3:30 p.m. What is the latest she can start getting ready?</p>	<p>Ava has a piece of ribbon she wants to use for a bow for her cat. The ribbon is 1.4 meters long. She cut off 30 centimeters. How long was her remaining ribbon?</p>
---	--	--

<p>Can 951 be evenly divided by 6? Circle: 951 is NOT evenly divisible by 6 951 is evenly divisible by 6</p>	<p>11 km = _____ m</p>	$\begin{array}{r} 27 \\ + 46 \\ \hline \end{array}$
	<p>1 cm = 10 mm</p>	
	<p>7 cm = _____ mm</p>	

<p>$96 \div 8 =$</p>	<p>Which is the largest?</p> <p>$32.8 \div 2.1$ $32.8 \div 2.2$ $32.8 \div 2.3$</p>	$\begin{array}{r} 581 \\ - 148 \\ \hline \end{array}$
---------------------------------	--	---



Name: _____

Sudoku Sums of 11

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 11.

Here is an example of a sudoku sum of 11:

2	9
---	---

			5		
				1	3
		5		2	4
3			1	4	
6		4			

$$\begin{array}{r} 234 \\ + 405 \\ \hline \end{array}$$



In the number 86,295,811, the digit 2 is in what place?

How many millimeters are in 9 centimeters?

_____ millimeters

$$\begin{array}{r} 78 \\ - 51 \\ \hline \end{array}$$

How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.

Circle the relative adverb.
there, when, through, to

Name: _____

The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

F	S		N	T		R		S	T
	C	W		W	J	S		K	
		C	T			T	R		W
S	W	H			G		H	D	
	L		N	S	G			N	B
B		R	N	T	L	S	R		
L	G	D		T		T	V	Y	
	S		M	B		R		N	S
T	T	R	A	S	H	N	S	S	T
L	V		S			N	T		

FEASIBLE • JUGGLE • BEAST
SCOWL • TOAST • SOMBER • KIDNEY
VISION • WAIST • TRASH • INTEREST
HARVEST • CHORD • TON

Anna wants to call Megan.
Megan is on vacation in Asia.
It is a time difference of ten
hours. Megan's time is always
later than Anna's time. If it is
8:15 A.M. where Anna lives,
then what time is it where
Megan is?

Rose had some safety pins.
Her mother asked her
how many pins she had.
Rose liked algebra
problems, so she told her
mother that the number
of pins she had was
greater than 10 but less
than 12. How many safety
pins does Rose have?

Can 689 be evenly divided by 7? Circle:
689 is evenly divisible by 7
689 is NOT evenly divisible by 7

Can 552 be evenly divided by 12? Circle:
552 is evenly divisible by 12
552 is NOT evenly divisible by 12

What time is 13 hours after
4:00 p.m.?

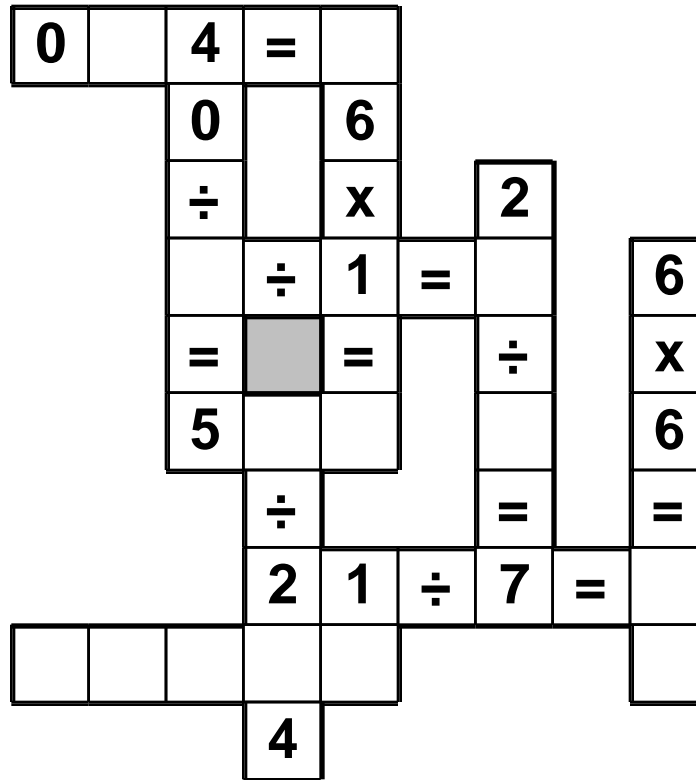
$11 \times 6 =$



Name: _____

x • 0 • 8 • 8 • 8 • 6 • 4 • 3 • 4 • ÷ • 2 • = • 2 • 6

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



What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word

Sum

1 2 4 6 12
G A T H E R

13

1 2 4 6 8
O

1 2 6 10
L I

Make a Word

Sum

1 2 4 6 8 12 16
O

1 2 4 6
W O

1 2 4 10 16
T H O

Name: _____

Seven leprechauns (Taylor, Eric, Natalie, Kylie, Cameron, Hannah, and Katherine) are each different heights (3 feet and 2 inches, 3 feet and 9 inches, 2 feet and 6 inches, 2 feet and 6 inches, 3 feet and 1 inch, 2 feet and 9 inches, and 3 feet and 4 inches).

Figure out how tall each leprechaun is.

1. Katherine is not shorter than Cameron.
2. Taylor is the tallest leprechaun.
3. Hannah is not taller than Natalie.
4. Natalie is taller than Kylie.
5. Katherine is not taller than Natalie.
6. Kylie is taller than both Eric and Cameron.
7. Cameron is taller than Eric.
8. Katherine is shorter than Hannah and taller than Kylie.

Taylor is _____ tall.

Eric is _____ tall.

Natalie is _____ tall.

Kylie is _____ tall.

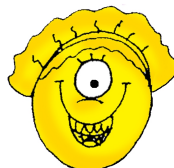
Cameron is _____ tall.

Hannah is _____ tall.

Katherine is _____ tall.

For 92,622,044,945, write the digit that is in the hundred thousands place.

The prefix sub means "under."
Write a word that uses this prefix.



Name: _____

Find the way from START to END by passing through EVERY number that is a multiple of twelve exactly ONCE. Cross off each box that is NOT a multiple of twelve. Yes, that means you have to go through ALL the multiple of twelve boxes. Wow!

You are not allowed to go diagonally. Good luck!

START	696	48	206	37	816	0
264	120	768	84	372	60	780
900	936	264	720	252	552	408
840	312	972	576	504	240	97
516	816	144	888	828	12	251
468	732	588	900	276	643	61
132	168	480	180	636	420	600
36	576	647	890	557	276	228
469	742	66	554	204	960	692
834	89	115	763	408	120	END

Name: _____

$$4 \overline{) 38580}$$

$$9 \overline{) 1278}$$

$$5 \overline{) 15165}$$

$$6 \overline{) 35442}$$

$$7 \overline{) 3731}$$

$$8 \overline{) 290688}$$

Write the greatest possible
2-digit number without
repeating any numbers.

triple 40 =

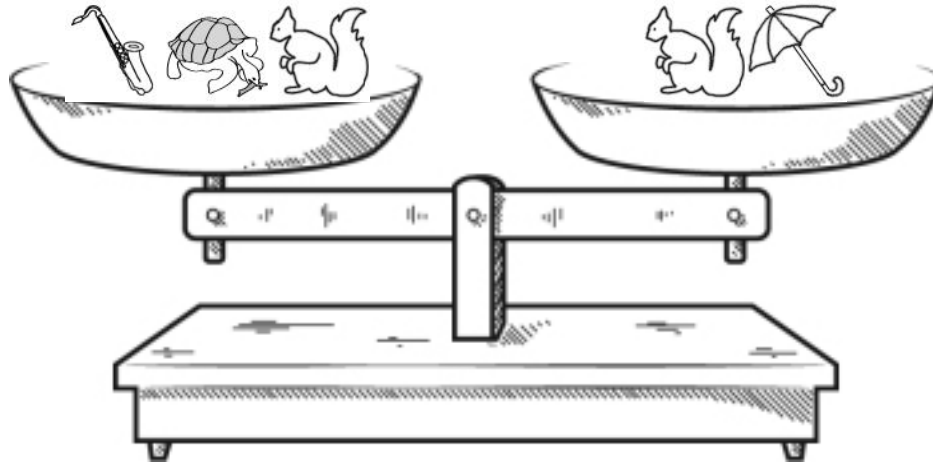
Write the number that is
one hundred more than
6,319.



$$35 \div \underline{\quad} = 7$$

What is 16 less than 799?



Write the least possible
3-digit number using only 2
different numbers.

Name: _____





 > 



☐ True ☐ False

 = 



☐ True ☐ False

 = 



☐ True ☐ False

 < 



☐ True ☐ False

 = 

☐ True ☐ False

 = 

☐ True ☐ False

 = 

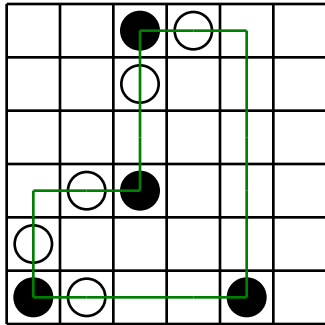
☐ True ☐ False

Did you find that two are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

Name: _____

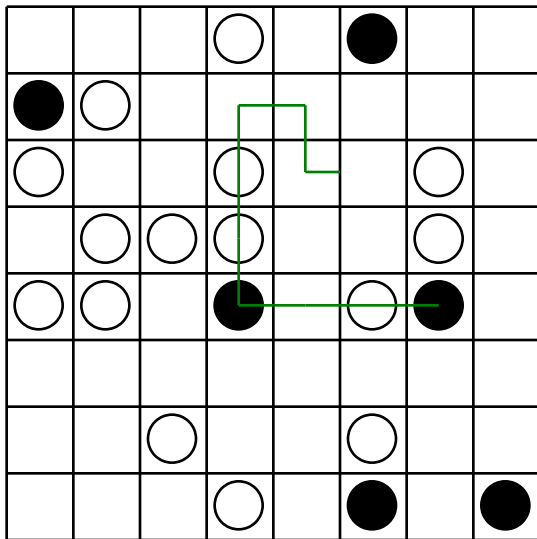


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

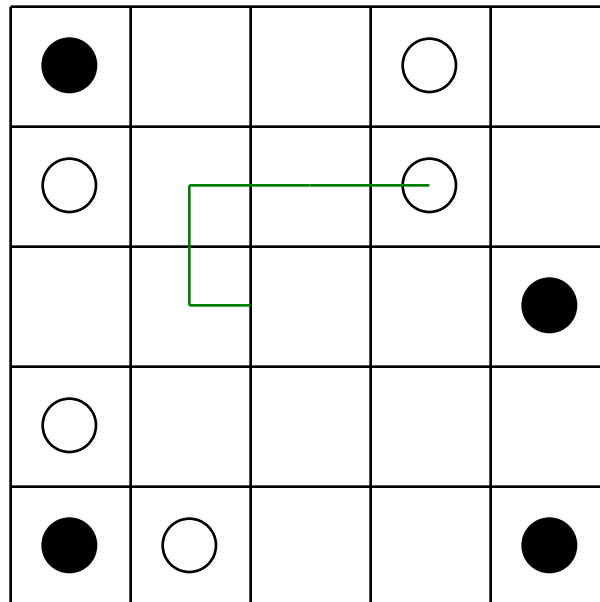
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



$4 \times 9 =$

Sara has two favorite numbers. If you add her favorite numbers, you get 21. If you multiply her favorite numbers, you get 54. What are her mystery numbers?

Which reference material would you consult to find the answer to this question?

How many syllables are in the word "Olympics"?

How many digits are in the current year?





It's NO PREP
at edHelper.

More
history!



edHelper.com!



New online math
games!



New
ideas!



More
science!



x
+ =
- ÷
< >

More
puzzles!



