

Name: _____

Write the reciprocal.

$$\frac{9}{24}$$

Write the reciprocal.

$$\frac{23}{19}$$

Write the reciprocal.

16

$$12 - \frac{1}{10} - \frac{1}{2} =$$

$$35 - \frac{1}{2} =$$

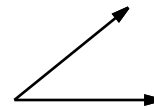
Reduce $\frac{4}{20}$ to its lowest terms.

What is the least common multiple of 9 and 15?

$$40 - y = 32$$

$$y + 22 = 30$$

Sketch 2 lines \overleftrightarrow{GH} and \overleftrightarrow{TU} that are intersecting.



What kind of angle is this?

Change to a percent.

$$\frac{26}{100}$$

6 is what % of 16?

Write the ratio as a fraction.
8 dimes to 3 nickels

Name: _____

Write as a decimal.
Eight hundredths

Write as a decimal.

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

Write as a decimal.

$$12 \frac{29}{1000}$$

Find the difference
between 29.6 and 19.7.

$$0.82 + 6.6 + 0.8 =$$

$$0.41 + 5.2 =$$

$$\begin{array}{r} 4.4 \\ \times 20 \\ \hline \end{array}$$

Change $\frac{14}{20}$ to a
decimal.

$$\begin{array}{r} 8.59 \\ \times 9 \\ \hline \end{array}$$

What kind of angle has
a measure of 180° ?

Sketch an acute angle
named $\angle GHI$.

An angle measures 15° .
What would you call this
angle?

$$32 \div -4 =$$

$$-23 + 17 =$$

$$-9 + 2 =$$

Name: _____

Can you draw lines to cover every number or shape in the picture?

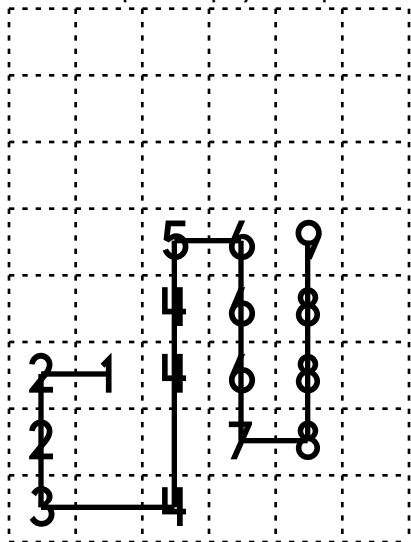
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

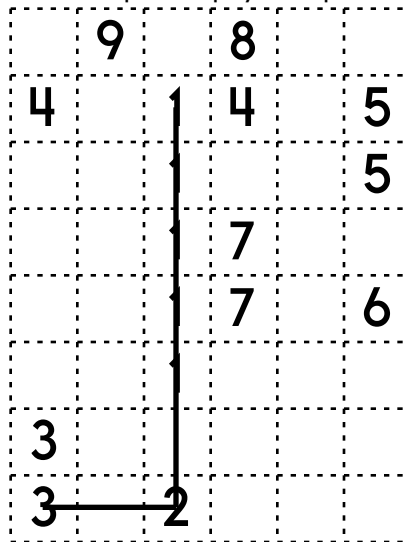
Do not pick up your pencil.



Draw exactly 8 lines.

Start on 1.

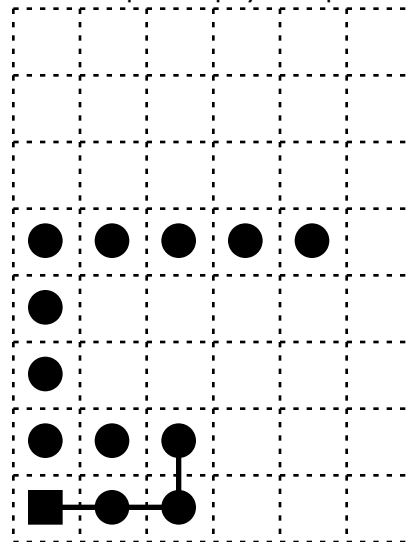
Do not pick up your pencil.



Draw exactly 5 lines.

Start on the square.

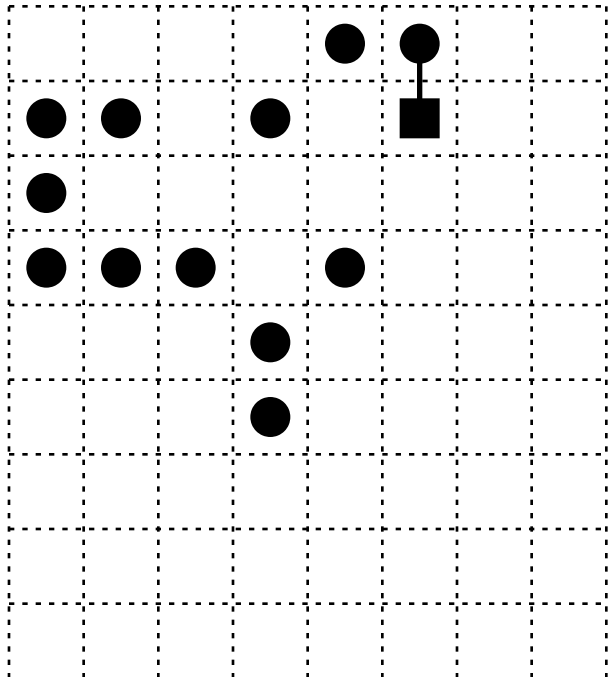
Do not pick up your pencil.



Draw exactly 7 lines.

Start on the square.

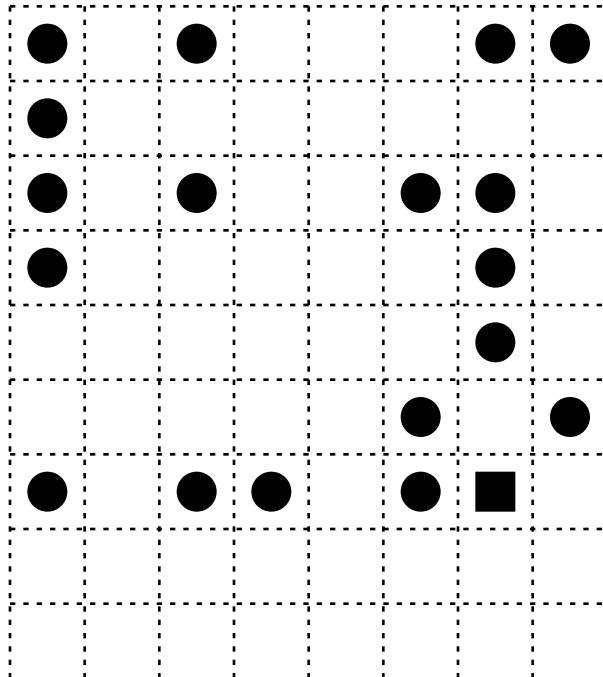
Do not pick up your pencil.



Draw exactly 9 lines.

Start on the square.

Do not pick up your pencil.



Name: _____

Nathan and Jacob are making posters for Keep America Beautiful Month. Nathan worked on his poster from 9:14 a.m. until 10:04 a.m. Jacob worked on his poster for 1 hour and 15 minutes. How much longer did Jacob work than Nathan?

There were 176 guests at the Smith wedding. Three-fourths of them were friends of the bride and groom. The rest were family members. How many of the guests were family members?

Emily rode an exercise upright bike for 24 minutes. Her average speed was 11.6 mph. How far did she ride?

3 pearls = $\frac{1}{6}$ of a star

_____ pearls = $\frac{1}{3}$ of a star

Name: _____

Complete each pattern. Write what the rule is.

9	63	441	3,087	21,609	151,263
2	8		128	512	2,048
1		81	729	6,561	59,049
6	36	216		7,776	

Complete each pattern. Write what the rule is.

$\frac{1}{3}$, $\frac{2}{3}$, 1, $1\frac{1}{3}$, $1\frac{2}{3}$, 2, $2\frac{1}{3}$, $2\frac{2}{3}$, 3,
_____, _____, 4, $4\frac{1}{3}$, $4\frac{2}{3}$, 5, $5\frac{1}{3}$, $5\frac{2}{3}$, 6

_____, 1, $1\frac{1}{3}$, $1\frac{2}{3}$, 2, $2\frac{1}{3}$, $2\frac{2}{3}$, 3,
 $3\frac{1}{3}$, $3\frac{2}{3}$, 4, $4\frac{1}{3}$, $4\frac{2}{3}$, 5, $5\frac{1}{3}$, _____

Name: _____

Mr. Lee ordered 72 roses. He divided the roses equally into 12 bunches for Parents' Day. He sold each bunch for \$6.14. How much money did he get for the roses in all?	The state capitol building was completed in 1835. In 2023 the building was 1 century 8 decades 8 years old. How old, in years, was the building in 2023?	Mr. Clark bought two books about penguins for his class. The books cost \$16.84 and \$18.45. He paid for them with 2 \$20 bills. How much money did he have left?
---	--	---

Erin wrote down a fraction on a piece of paper. If you take her fraction and multiply it by six you get thirteen. Can you guess what her fraction is?	Circle the greatest number: 105,537,268 429,716,264,053 17,893,274,896 8,503	$\begin{array}{r} 597 \\ - 292 \\ \hline \end{array}$
---	--	---

Can 333 be evenly divided by 10? Circle: 333 is evenly divisible by 10 333 is NOT evenly divisible by 10	Which is the largest? $51.3 \div 9.7$ $51.3 \div 9.6$ $51.3 \div 9.5$
--	--

$9 \times 7 =$	1 cm = 10 mm 16 cm = _____ mm	12 kg = _____ g
----------------	----------------------------------	-----------------

Name: _____

$\begin{array}{r} 33 \\ + 32 \\ \hline \end{array}$	$132 \div 11 =$	<p>How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.</p>

<p>How many feet are in 2 yards?</p> <p>_____ feet</p>	<p>Write the missing family fact.</p> <p> $10 \times 21 = 210$ $21 \times 10 = 210$ $210 \div 10 = 21$ </p> <p>_____</p>
--	---

<p>Emily has two favorite numbers. If you add her favorite numbers, you get 27. If you multiply her favorite numbers, you get 152. What are her mystery numbers?</p> <p>_____</p>	$\begin{array}{r} 25 \\ - 12 \\ \hline \end{array}$	<p>Circle the digit in the hundredths place.</p> <p>1,237.261</p>
---	---	---

<p>List eight of the smallest whole numbers that are greater than 125, are multiples of 2, and are not multiples of 7.</p>	$\begin{array}{r} 281 \\ + 416 \\ \hline \end{array}$	$28 \div 4 =$
	$5 \times 9 =$	

<p>Circle the addition property for $61 + 52 = 52 + 61$.</p> <p> <input type="checkbox"/> commutative property <input type="checkbox"/> associative property </p>	<p>Write an equation to represent this:</p> <p>The product of nine and eleven is ninety-nine.</p> <p>_____</p>
---	--

Name: _____

<p>Maria is getting messy. She has made a 2' x 5' x 2' cube made out of clay blocks. She wants her art project to have at least a surface area of 35 square feet. Does she need to add more clay?</p>	<p>What time is 14 hours after 2:00 a.m.?</p> <p>_____</p>
	<p>How many digits are in 1,000 times 10,000?</p> <p>_____</p>

<p>$(3 + 8) + 6 =$</p>	<p>Jessica will win if a random number pulled out of a box is a number divisible by 4. 40 pieces of paper, numbered 13 to 52, are put inside a box. What is the chance that Jessica will win?</p>
<p>Next to each group of words, write S if it makes a complete sentence, or NS if not.</p> <p>(A) ate pizza for dinner</p> <p>(B) Juan and Rey</p> <p>(C) the large classroom computer monitor</p> <p>(D) General Lee</p>	

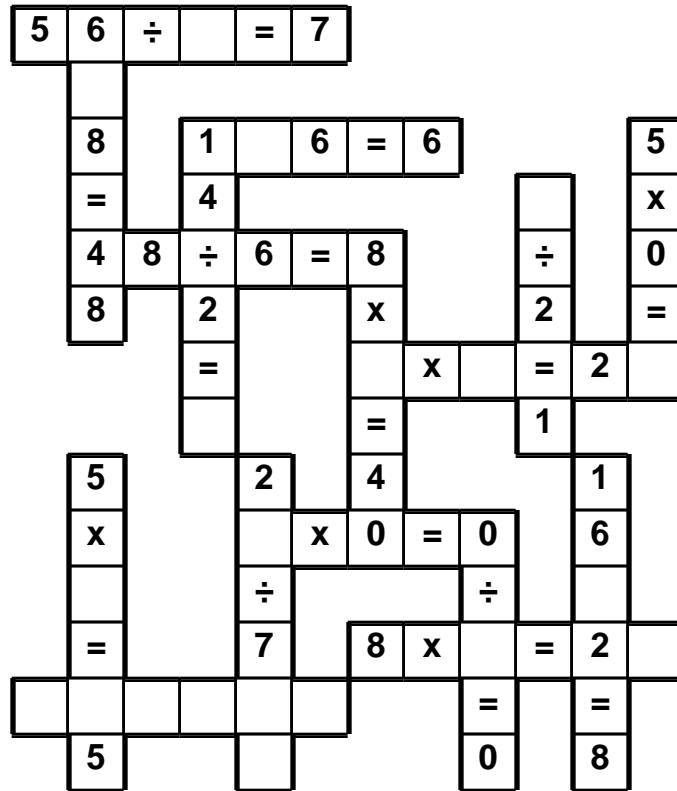
<p>For 97,466,420,474,765, write the digit that is in the ten thousands place.</p> <p>_____</p>	<p>Write a letter that has a line of symmetry.</p> <p>_____</p>
---	---

<p>Write this as a number in standard form. Use a comma in your number.</p> <p>two hundred twelve thousand, sixty</p> <p>_____</p>	<p>$4 \times 3 =$</p>
--	----------------------------------

Name: _____

8 • x • x • 2 • 5 • 4 • 0 • 7 • 1 • 9 • ÷ • 3 • 4 • 2 • 4 • ÷
4 • = • 6 • 3

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



$96 \div 8 =$

Circle the smallest number:

450,319

2,157,894,360

9,285

7,361,408

Write 373,640 in words.

Justin invented a robotic bug. The bug can crawl five centimeters in twenty seconds. How long would it take the bug to crawl thirty-nine centimeters?

$$\begin{array}{r} 88 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ \times 71 \\ \hline \end{array}$$

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

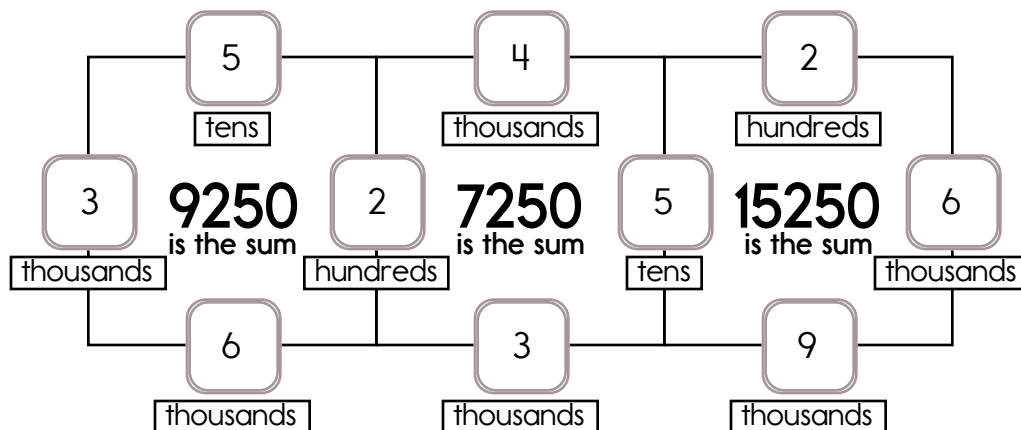
Example:

$$3000 + 200 + 50 + 6000 = 9250$$

Example:

$$50 + 6000 + 200 + 9000 = 15250$$

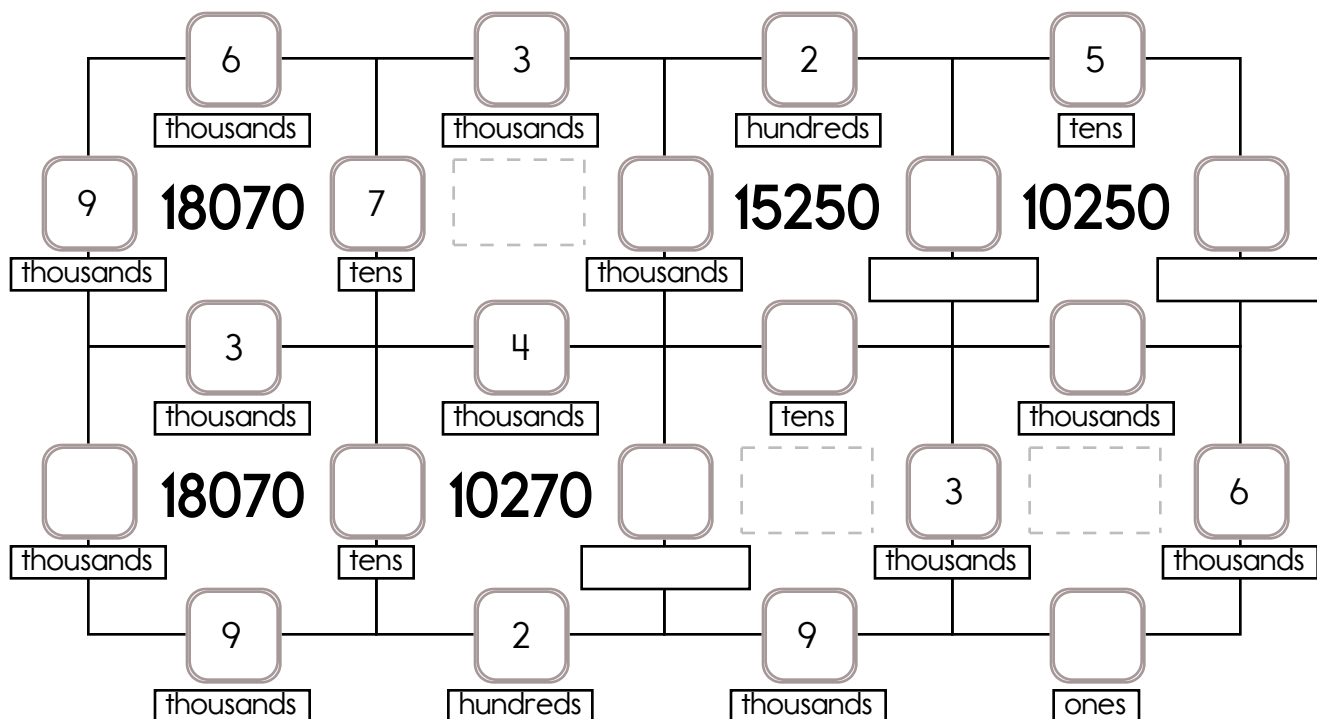
Sample:



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

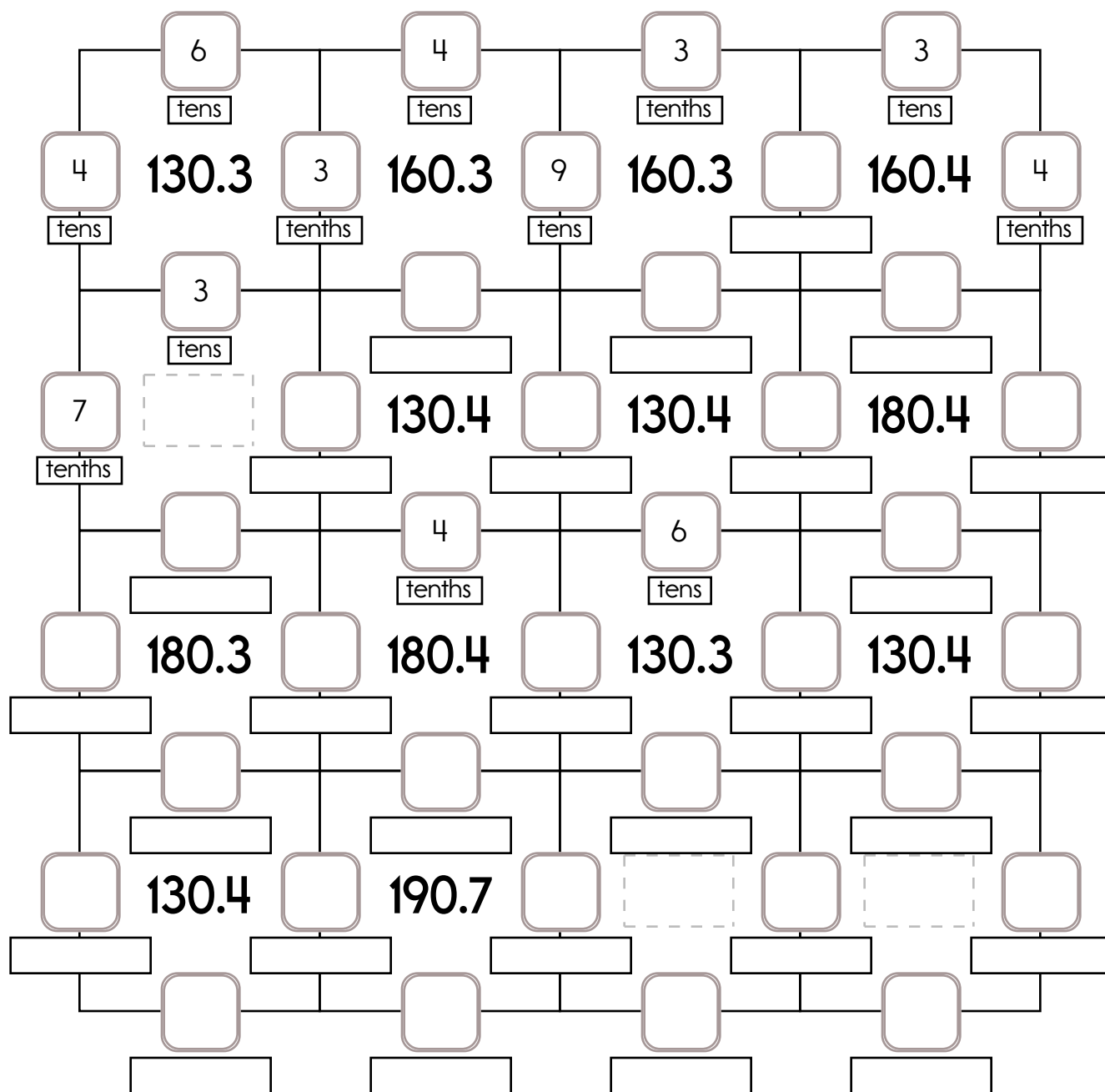
Exactly one of the four numbers has to be one of these numbers: 4 ones, 8 ones, 7 tens, 1 ten, or 5 tens.

The other three numbers have to all be DIFFERENT and must be from these: 2 hundreds, 6 thousands, 3 thousands, 9 thousands, or 4 thousands.



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: 7 tenths, 3 tenths, or 4 tenths. The other three numbers have to all be DIFFERENT and must be from these: 3 tens, 4 tens, 6 tens, or 9 tens.



Add the correct end punctuation for this sentence.

Please do the dishes after lunch

Name: _____

$$22 + 782 =$$

Find the difference between 8558 and 2801.

Find the difference between 567 and 85.

$$\begin{array}{r} 53 \\ \times 24 \\ \hline \end{array}$$

Find the product of 75 and 7.

$$\begin{array}{r} 535 \\ \times 67 \\ \hline \end{array}$$

Write the reciprocal.

$$\frac{12}{5}$$

Write the reciprocal.

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

Write the reciprocal.

$$\frac{5}{2}$$

$$59 - \frac{1}{4} =$$

$$6 - \frac{3}{4} - \frac{3}{10} =$$

Reduce $\frac{5}{10}$ to its lowest terms.

What is the greatest common factor of 12, 24, and 30?

What is the greatest common factor of 22 and 12?

What is the greatest common factor of 4 and 18?

Name: _____

x	0	1	2	3	4	5	6	7	8	9	10	11	12
2			4										
3	0												
4										36			
5									40				
6													72
7					28								
8						40							
9											90		
10								70					
11							66						
12												132	

$5 \times 6 =$ $2 \times 12 =$ $3 \times 4 =$ $7 \times 9 =$ $10 \times 11 =$

$6 \times 6 =$ $3 \times 9 =$ $11 \times 4 =$ $5 \times 9 =$ $5 \times 12 =$

$8 \times 9 =$ $0 \times 10 =$ $6 \times 6 =$ $10 \times 6 =$ $11 \times 11 =$

$9 \times 8 =$ $2 \times 3 =$ $12 \times 12 =$ $1 \times 4 =$ $5 \times 7 =$

DOEACHAPPR AISAL
RECOMMENDP ICNIC
D A C G I R R I T A T E
E K C S A T L P R E C O O K O
V N R L V O A D I E P I N K W
O E O E E N D C L A I M S N
T E S E S E N T I M E N T A L
E S S T P O P U L A T I O N

POPULATION

SENTIMENTAL

H A Y P A I N S T A K I N G F
F S S O L D A N X I O U S O
O N U K F I R E W O R K S G
R I E Y M E D A L L I O N S A
E G I N S T R U C T I O N S P
V H I N S T R U C T I N G R
E T I S R E F I N E L I F T O
R S A U N T S U I T A B L E N

APRON

FOG

Name: _____

Select the word or phrase whose meaning is closest to the given word.

ENGROSSING

disgusting
detrimental
captivating
make ugly
confusing

WAX

wane
enmesh
liquidate
ebb
grow

CRYPTIC

inactive
mysterious
deadly
aged
creepy

ELUCIDATE

arrange
drive
clarify
complain
confuse

JEER

to scoff at
to praise
to laugh at
to admire
to loathe

GREGARIOUS

quixotic
amenable
pleasant
sociable
solitary

NADIR

environmental
flat
zenith
rugged
lowest point

VINDICTIVE

win
prove right
cruel
grow
corrupt

SAGE

wise
dreaded
portent
genius
herbal

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

R L S E I A J R E T O E I O S S O O X E N G R O S S I N G T C K A S
E I C R U E L R T C Y I S O C R Y P T I C E E G C W O I D N R O E T
Y C I I I E S I W E G L O S I R S A N A S R V I N D I C T I V E T I
D T S O C I A B L E O R C G O T P I N E W G P S U O I R A G E R G R
L R I S G O Z N S G I O O I I E L U C I D A T E R V S P R P L T R D
I U S A G E U G C W R F C W T R A T C G A I X I P P I R A C I E U X
E S O V X R C C A P T I V A T I N G L W O T N I O P T S E W O L A Y
D I U O E S A S L I I T T U A T Y F I R A L C I A T A F F O C S O T
C N A G O G O S S I E U N S A W C J E E R C M T S A I R I D A N E A
G A E Y C P A S T G R N N C I E E R I G M Y S T E R I O U S T C A A

Name: _____

Each row, column, and box must have the numbers 1 through 9.

3								
		1	2		3			
2	8		7	9				1
4		2				5		
			8			1		
	6			2			7	
							4	
	3	6		1				8
8						9		2

What 3 coins add up to 12 cents?

63 divided by 9 equals

It was 72 degrees outside.
What would the temperature be if it got 23 degrees colder?

Add the correct end punctuation for this sentence.

Will you call the electric company tomorrow to ask why our power keeps going out

In each pair, circle the word that is spelled correctly.

banana, bannana
caje, cage
vejetable, vegetable

Name: _____

What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues.
Put the clues together and solve the mystery of what is in the box.

A =tuft
C =sprawl
D =slimy
E =thirsty
I =freight
K =edit
L =twine
N =heat
O =inhale
P =gentle
R =annoyed
S =remorse
T =purpose
W =drape
Y =protect

Clue 1: tender string clump warmth goal

 p l

Clue 2: curtain clump goal parched cross

Clue 3: guilt goal sniff cross parched guilt

Clue 4: tender cross load stretch correct string defend

Clue 5: oozy parched guilt parched cross goal

What's in the Box? _____

Can 250 be evenly divided by 5? Circle:

250 is evenly divisible by 5

250 is NOT evenly divisible by 5

$$\begin{array}{r} \frac{2}{4} \\ - \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{7}{8} \\ - \frac{4}{5} \\ \hline \end{array}$$

Write a letter that has two or more lines of symmetry.



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1 2 3



New ideas!



x
x =
- ÷
< - >

More puzzles!



