



Name: _____

Get a fidget spinner! Spin it.

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

$$9 + 1 + 5 - 4 + 2 = \underline{\hspace{2cm}}$$

$$5 + 11 \times 9 = \underline{\hspace{2cm}}$$

$$5 + (21 \div 3 \times 3) - 5 = \underline{\hspace{2cm}}$$

$$6 \times 11 + 7 - 4 = \underline{\hspace{2cm}}$$

$$(3 + 3 \times 7) + 7 + 1 = \underline{\hspace{2cm}}$$

$$(8 + 12) \times 12 = \underline{\hspace{2cm}}$$

$$7 + 8 \times 8 + 2 + 1 \times 2 = \underline{\hspace{2cm}}$$

$$3 + 10 + 6 = \underline{\hspace{2cm}}$$

$$7 - 1 - 3 + 80 \div 8 - 4 = \underline{\hspace{2cm}}$$

$$(10 + 5) + 2 = \underline{\hspace{2cm}}$$

$$4 \times 1 + 7 + 1 = \underline{\hspace{2cm}}$$

$$6 + 6 - 10 + 5 = \underline{\hspace{2cm}}$$

$$4 \times 4 \times 1 - 5 = \underline{\hspace{2cm}}$$

$$1 \times 10 + 4 = \underline{\hspace{2cm}}$$

$$1 \times 9 - 4 \times 1 + 3 = \underline{\hspace{2cm}}$$

$$5 \times 9 \times 5 = \underline{\hspace{2cm}}$$

$$2 \times 9 \times 9 + 22 \div 2 = \underline{\hspace{2cm}}$$

$$(10 - 4) + 2 = \underline{\hspace{2cm}}$$

$$1 + 6 \times 7 \times 5 = \underline{\hspace{2cm}}$$

$$6 + (8 + 12) = \underline{\hspace{2cm}}$$

$$3 + 5 \times (2 \times 7) = \underline{\hspace{2cm}}$$

$$6 \times 8 - 7 - 12 = \underline{\hspace{2cm}}$$

$$6 \times 2 + 48 \div 4 \times 9 \times 7 = \underline{\hspace{2cm}}$$

$$12 \times 2 - 11 = \underline{\hspace{2cm}}$$

$$4 + 22 \div 11 - 5 \times 1 = \underline{\hspace{2cm}}$$

$$12 + 10 - 11 = \underline{\hspace{2cm}}$$

$$9 \times 6 + 5 + 24 \div 4 + 7 + 9 = \underline{\hspace{2cm}}$$

$$2 + 12 + 6 \times 3 = \underline{\hspace{2cm}}$$

$$3 \times 8 + 9 \div 3 = \underline{\hspace{2cm}}$$

$$4 + 10 \times 3 = \underline{\hspace{2cm}}$$

Name: _____

		+		+		=	
	A		?		B		27
x							
	A		A		C		15
+							
	A		A		A		21
=							
	56		77		17		

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$A + A + C = 15 \quad B \times C + \underline{\quad} = 17 \quad \underline{\quad} \times \underline{\quad} + \underline{\quad} = 56$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = 21$$

Additional hints:

$$A < 15 \quad B = C + 9$$

Show Work:

Solve:

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

Name: _____

Ms. White used three dozen mudbugs in her soup. The recipe makes 14 cups of soup. Approximately how many mudbugs are in each cup of soup? (Round off the answer to the nearest whole number.)

Gavin was using an electronic tuner (of his own design) to check the tuning of his cousin's guitar. He had previously tuned the guitar using a tone on a recording so that the A string vibrated at exactly 440 Hz (440 cycles per second). Now when he checked it using his tuner, the tuner indicated that the string was vibrating at 443.3 Hz. Assuming the string was actually tuned to 440 Hz, what was the percent error in his tuner? Round your answer to the nearest hundredth of a percent.

The area of a square is 98.01 square inches. What is its perimeter?

D, F, H, J, L, N, P, R,
_____, V

$$0.9 \times 0.2$$

$$(0.9)(0.15)$$

Name: _____

Circle all of the numbers that are less than 3.5.

$$\frac{14}{3}$$

$$3\frac{2}{8}$$

$$\frac{32}{10}$$

$$\frac{13}{4}$$

$$\frac{17}{6}$$

$$3\frac{2}{3}$$

$$\frac{42}{12}$$

$$\frac{10}{3}$$

$$\frac{14}{4}$$

$$\frac{14}{5}$$

$$\frac{19}{6}$$

$$\frac{10}{2}$$

3.08

3.10

3.70

3.0130

$$\begin{array}{r} 3.1 \\ - 2.61 \\ \hline \end{array}$$

$$6 - 5.5 =$$

$$\begin{array}{r} 0.76 \\ - 0.428 \\ \hline \end{array}$$

A rectangle is 42 cm on one side and 10 cm on another side. What is the perimeter?

How many minutes is it from 6:00 a.m. to 11:40 a.m.?

Round the decimal 0.365 to the nearest hundredth.

$$19 \text{ cm} = \text{_____ mm}$$

$$6,285 - 2,184 = \text{_____}$$



Name: _____

If you take the first number and subtract it by the second, the difference is 17.

What are the two numbers?

How much time is it from
7:00 a.m. to 10:50 a.m.?

How many centimeters in
550.9 meters?

The perimeter of a
rectangle is 22 cm. The
longer side is 9 cm. How
long is the shorter side?

$$12 \div \frac{1}{6}$$

H, I, _____, L, J, O, K,
R, L, U

$$39 + n = 50$$

How many yards are in 21 feet?

_____ yards

$$5 \times 2 = \underline{\hspace{2cm}}$$

$$132 \div 11 = \underline{\hspace{2cm}}$$

Name: _____

<p>Mr. Wilson bought some paint to make birdhouses. He put the paint in smaller cans so each student in his class could have a can. Each can holds $1\frac{1}{3}$ pints of paint. He filled $13\frac{1}{3}$ small cans with the paint he bought. How many pints of paint did he buy?</p>	<p>Mr. Rodriguez likes to buy vegetables and fruit from roadside stands. Yesterday he bought 3.5 pounds of apples at \$1.19 per pound, 1.4 pounds of grapes at \$1.51 per pound, and 5.8 pounds of red potatoes at \$0.82 per pound. He paid for his purchases with a \$50-bill. How much change did he get?</p>	<p>Emma took a picture of her father's office building. He worked in a 50-story skyscraper. When she got the picture, she saw that she had only taken a picture of the highest 23 stories. Write a fraction for the part of the building that was in the picture.</p>
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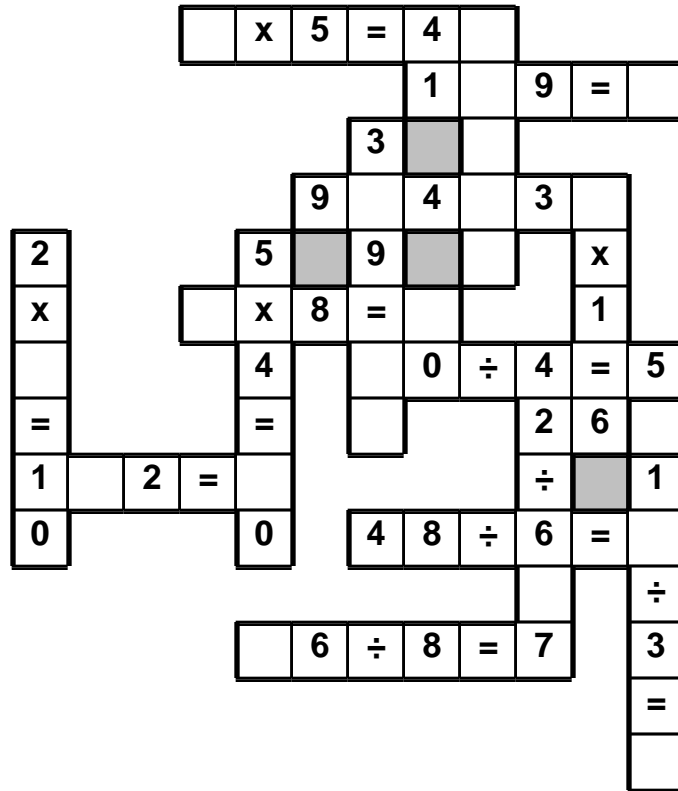
<p>Five-ninths of the children in Jones' class want to go outside. If Jones agrees with the majority, will the class stay inside or go outside?</p>	$8 \times 8 = \underline{\hspace{2cm}}$	$20 \div 5 = \underline{\hspace{2cm}}$
	$\begin{array}{r} 51 \\ - 12 \\ \hline \end{array}$	$11 \times 12 = \underline{\hspace{2cm}}$
<p>1 lb = 16 oz 29 lb = <u> </u> oz</p>	$4 \times 4 = \underline{\hspace{2cm}}$	$\begin{array}{r} 35 \\ + 46 \\ \hline \end{array}$
$8 \times 11 = \underline{\hspace{2cm}}$	$80 \div 10 = \underline{\hspace{2cm}}$	$24 \div 3 = \underline{\hspace{2cm}}$



Name: _____

8 • 0 • x • 9 • 1 • x • = • 6 • 0 • 1 • 8 • 5 • 2 • 7 • x • 2
8 • = • 5 • 6

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



Sarah took three numbers greater than 1 and multiplied them. One number was six and the other number was eighteen. Of course, she forgot the last number, but she remembered the product was 1188. Is this possible?

$$\begin{array}{r} 545 \\ - 204 \\ \hline \end{array}$$

$$66 \div 11 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 460 \\ + 444 \\ \hline \end{array}$$



Write the missing family fact.

$$11 + 88 = 99$$

$$99 - 11 = 88$$

$$99 - 88 = 11$$

Write this as a number in standard form.
Use a comma in your number.

one hundred fifty-seven thousand, eight hundred seventy

Name: _____

Write the numbers 45 to 65
on a sheet of paper.
How many of these numbers
are divisible by 8?

$$89,797 - 59,334 = \underline{\hspace{2cm}}$$

Can 360 be evenly divided by 9? Circle:
360 is NOT evenly divisible by 9
360 is evenly divisible by 9

$$1,733 + 7,256 = \underline{\hspace{2cm}}$$

$$30 \div 6 = \underline{\hspace{2cm}}$$

$$(8 + 6) + 3 = \underline{\hspace{2cm}}$$

What number is halfway
between 8 and 27?

$$828 + 149 = \underline{\hspace{2cm}}$$

$$6 \times 9 = \underline{\hspace{2cm}}$$

$$28 \div 4 = \underline{\hspace{2cm}}$$

Can 908 be evenly divided by 4? Circle:
908 is evenly divisible by 4
908 is NOT evenly divisible by 4

$$11 \times 4 = \underline{\hspace{2cm}}$$

$$54 \div 6 = \underline{\hspace{2cm}}$$

$$110 \div 10 = \underline{\hspace{2cm}}$$



Name: _____

2 • 8 • 6 • 2 • 9 • 3 • 3 • 0 • x • 6 • 8 • 3 • x • = • 2 • =
6 • =

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

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

How many dimes make \$1.10?

10 x 10 = _____

7 x 6 = _____

3 x 12 = _____



word root **ir** can mean **into or in**

irrevocable

Name: _____

The EdHelper Clothes store at the mall has four employees (Danielle, Alyssa, Destiny, and Ryan). This week they worked 36, 22, 21, and 33 hours. The employees at EdHelper Clothes are paid by the hour. Each employee is paid at a different hourly rate (\$20, \$12, \$16, and \$17).

Figure out how many hours each employee worked this week. Also, determine each employee's hourly pay.

1. Destiny earns the least amount of money per hour.
2. Ryan had the largest paycheck for the week.
3. Danielle worked more than twenty-two hours this week.
4. This week, Destiny worked the least number of hours.
5. Alyssa earns less than \$17 per hour.

Danielle worked _____ hours and was paid _____ hourly.

Alyssa worked _____ hours and was paid _____ hourly.

Destiny worked _____ hours and was paid _____ hourly.

Ryan worked _____ hours and was paid _____ hourly.

Circle the greatest number:

3,875,291,604 549,031,867,298
257,301 465,790,623

Circle the smallest number:

704,851
45,632,198,076
9,835
39,227,046

$132 \div 11 =$ _____

$45 \div 5 =$ _____

$20 \div 2 =$ _____

What number is halfway between 10 and 22?

The letters B and O each have a line of symmetry. Name another letter between B and O that has a line of symmetry.

$88 \div 8 =$ _____

Name: _____

$$3 \overline{) 22632}$$

$$6 \overline{) 505668}$$

$$4 \overline{) 383011}$$

$$7 \overline{) 133210}$$

$$8 \overline{) 420000}$$

$$9 \overline{) 142287}$$

$$-40 + 26 =$$

$$63 \div -9 =$$

$$-8 + 5 =$$

$$0.3 (0.7 (0.3 + 5)) =$$

$$|-8| - p = 10$$

$$p =$$

$$\text{Rewrite } \frac{13}{25} \text{ as a decimal.}$$

Name: _____

Ava spends $1\frac{1}{3}$ hours each day working on her homework. How many hours does she work on homework in 6 days?

It takes two hundred seventy-six pounds of milk to make twenty-three pounds of cheese. At that rate, how much milk does it take to make five ounces of cheese?

The equation $r + 3 = 17$ describes the number of runs hit by the Tigers and the Panthers in the last game. If r is the number of hits made by the Tigers, how many hits did the Panthers have?

$$\frac{5}{8} \times \frac{2}{8}$$

Circle the percentage that is closest to 32 out of 76:
14%
89%
63%

In what quadrant would you find the point $(-6, -14)$?

There are 45 trucks in the parking lot of the Midtown Mall. Gavin thinks 21 of them are ugly. What is the probability that the next person that gets into a truck will get into an ugly truck?

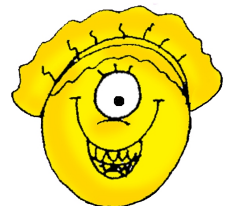
Janna picked 50 flowers — just because! Three-fifths of the flowers are red. One-tenth of the flowers are yellow. The rest of the flowers are white. What is the ratio of red flowers to white flowers? (Write your answer as a fraction in lowest terms.)

Nathan wrote a 200-word essay for the Labor Day essay contest. He started writing at 4:40 p.m. and finished the essay at 7:20 p.m. How long did it take him to write his entry?

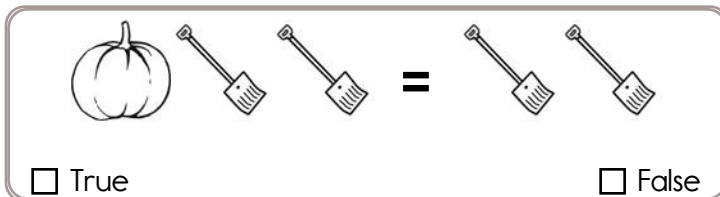
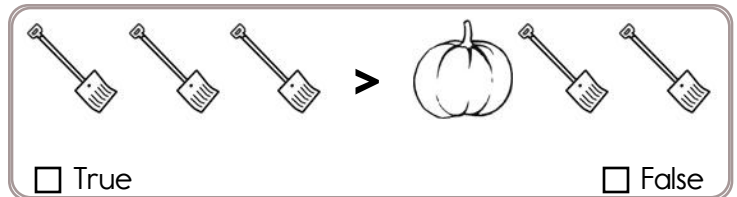
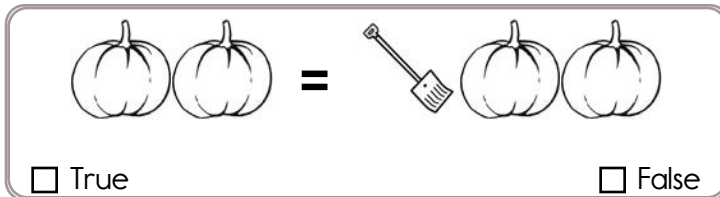
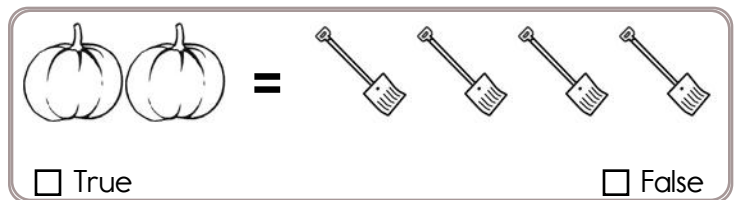
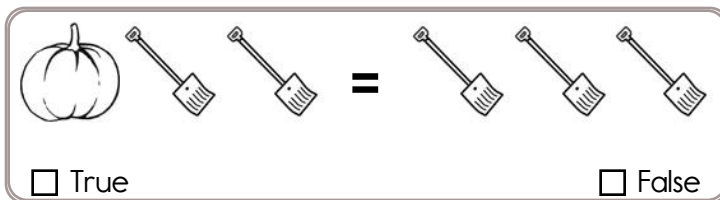
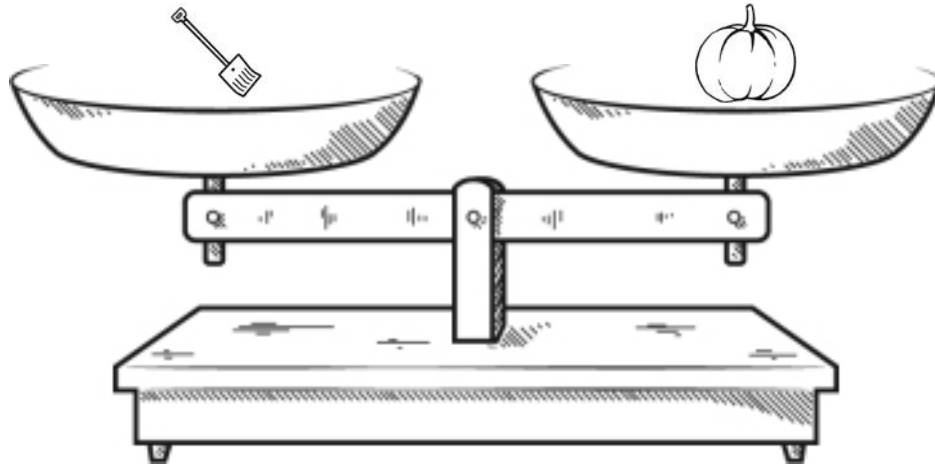
Jenna rolls a die. What is the chance of her rolling a 2?

Circle the digit in the hundredths place.

158.48



Name: _____



Did you find that one is true? If not, look again!

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

$$8 \times (27 \div 3) - 24 \div 6 =$$

$$p - \$65 = \$30$$

What is the value of p?

If $t = 9$ and $m = -27$ then
what is $6t + 12m + 2m = ?$

$$40 \div 4 = \underline{\hspace{2cm}}$$

$$12 \times 8 = \underline{\hspace{2cm}}$$

$$7 \times 7 = \underline{\hspace{2cm}}$$



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

[illegible]

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

[illegible]

Name: _____

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

MONOTONY

enervating
marriage
energizing
tedium
commitment

ARCANE

philosophical
esoteric
handicapped
magical
excited

APPREHENSIVE

anxious
curious
disappointing
thoughtful
all inclusive

RELINQUISH

amend
extend
give up
win
fix

PIED

full
multicolored
proudness
striped
hungry

AILMENT

potion
illness
alcohol
barrel
cauldron

PRETEXT

excuse
preface
subtitle
introduction
defense

BENEFICIAL

disoriented
lachrymose
useful
holy
myopic

MILIEU

milky
one thousand year
carnival
ambiance
sweet

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

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

Name: _____

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

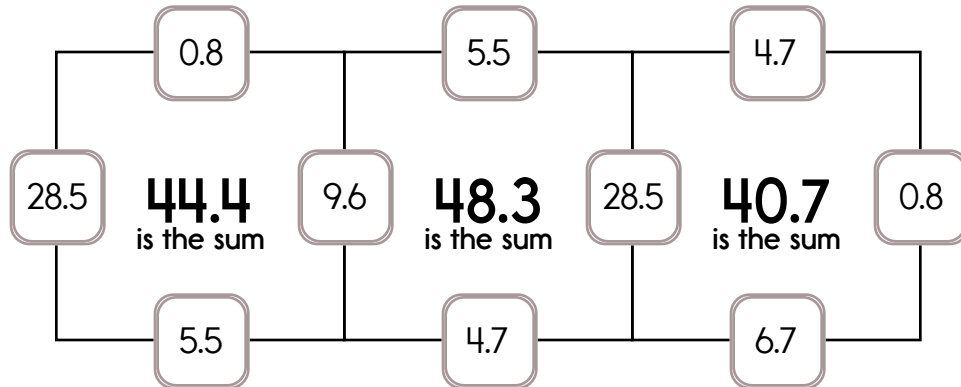
Example:

$$28.5 + 9.6 + 0.8 + 5.5 = 44.4$$

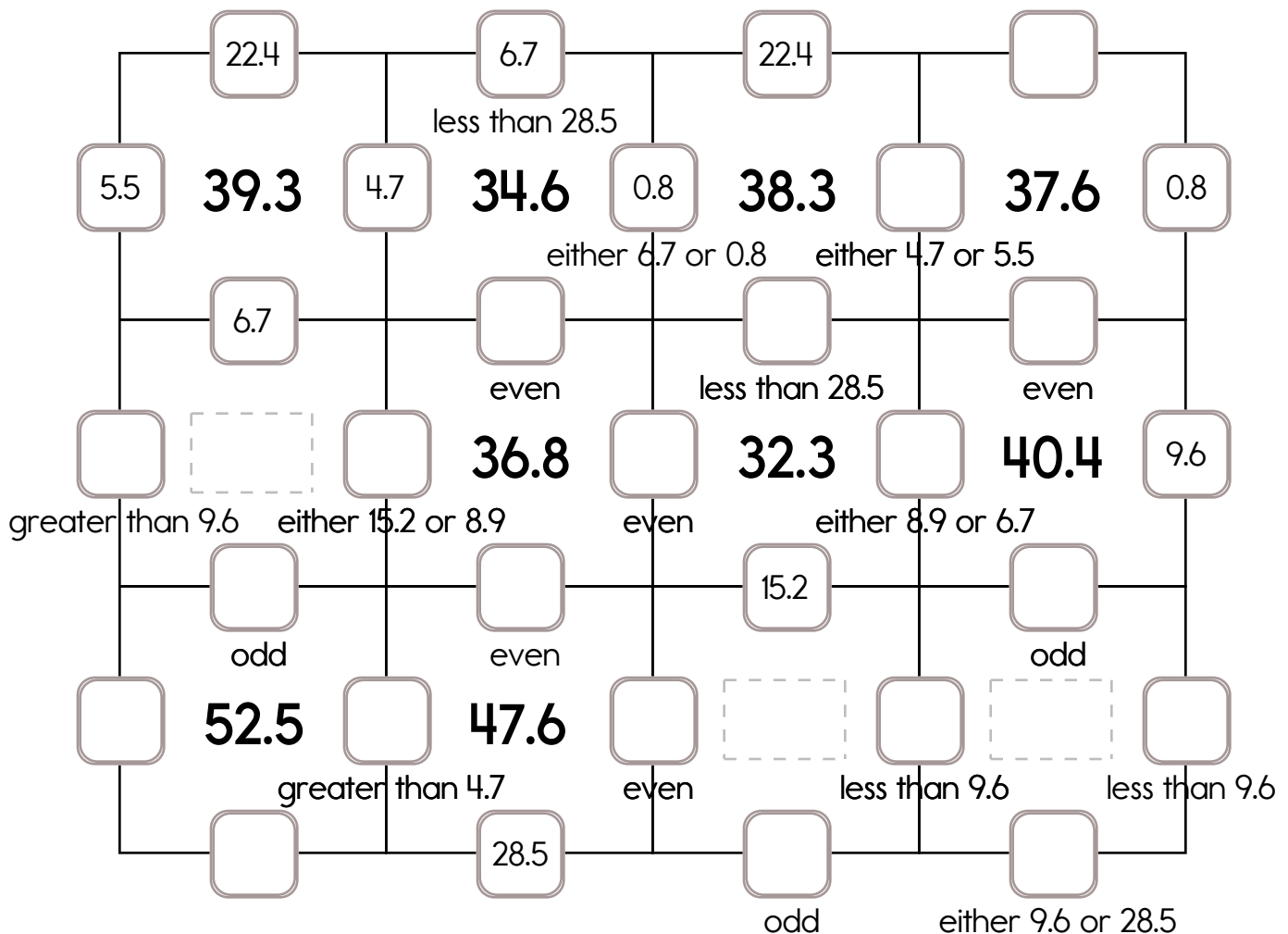
Example:

$$28.5 + 0.8 + 4.7 + 6.7 = 40.7$$

Sample:

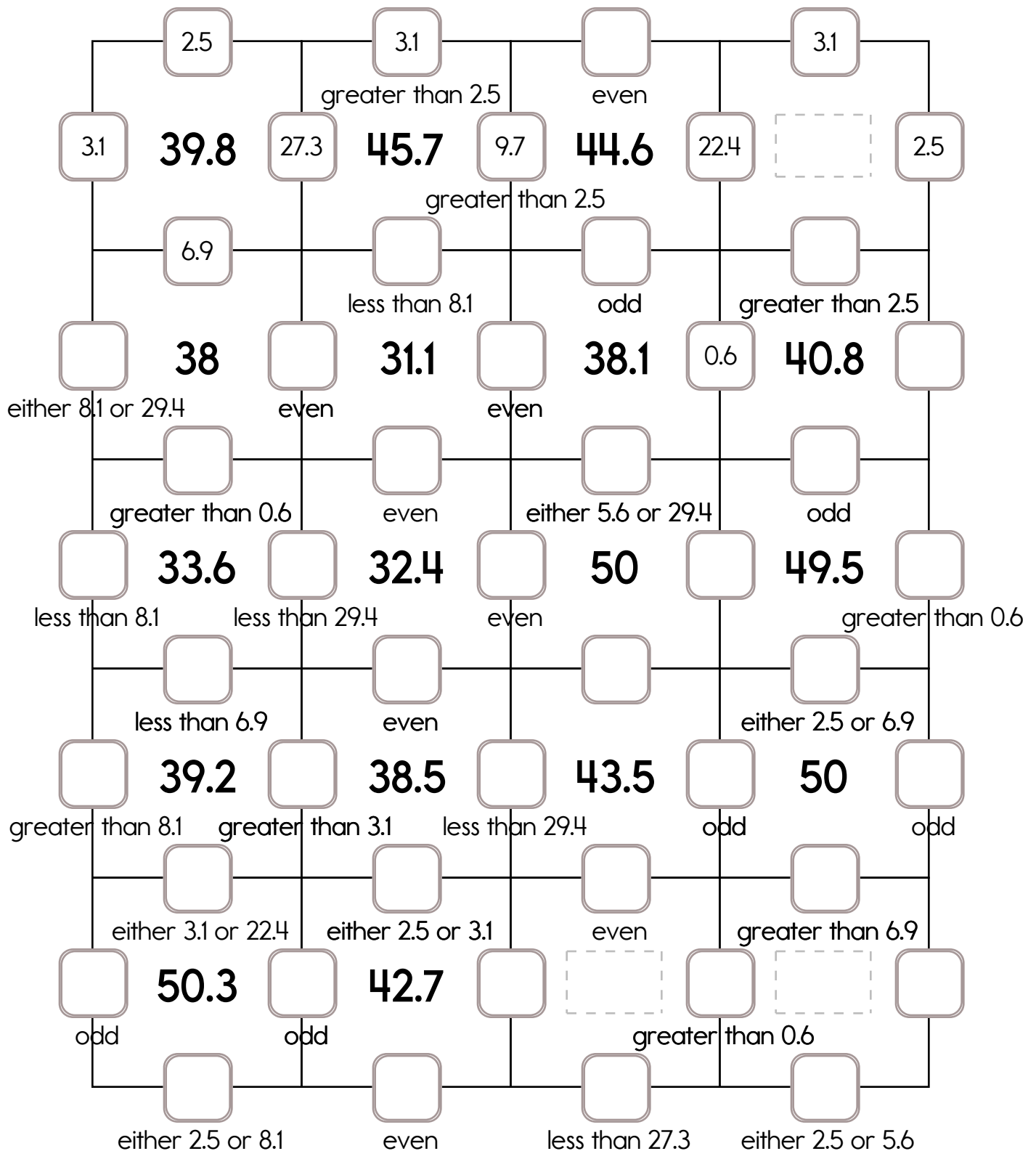


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 28.5, 22.4, or 15.2. The other three numbers have to all be DIFFERENT and must be from these: 9.6, 8.9, 6.7, 0.8, 5.5, or 4.7.



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: 27.3, 22.4, or 29.4.
The other three numbers have to all be DIFFERENT and must be from these: 6.9, 3.1, 9.7, 5.6, 0.6, 8.1, or 2.5.





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\times
 $\times =$
 $- \div$
 $< - >$

More puzzles!



