Name: _____

Write $\frac{5}{15}$ in lowest terms.

The diameter of a circle is 1,546 cm. What is the radius of this circle?

Round 13,606 to the nearest thousand.

0, Q, Q, C, C, 0, Q, _____, C, C, 0, Q, Q, C, C, 0, Q

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

24, 26, _____, 33, 38, 44, 51, 59, 68, 78, 89, 101, 114

$6 \times 6 \times 6 \times 6 \times 6 = 6^x$

What is the value of x?

$\frac{4}{8} \times \frac{2}{7}$

Simplify.

$\frac{30}{45} =$

0.2 (0.4 (0.2 x 6)) =

0.6 (0.8 (0.6 + 2)) =

B, E, H, K, N, _____, T, W, Z

$\frac{1}{9} \times \frac{8}{9}$

(5 + 19) + 2 = 2(v + 10)

What is the value of v?

Use >, <, or = to complete.

$\frac{1}{11}$ ___ 57%

$\frac{2}{3}$ ___ 64%

Name: _____

Get a fidget spinner! Spin it. **I needed to spin _____ time(s) to finish.**

Round the decimal 0.675 to the nearest hundredth.	How many minutes is it from 8:00 a.m. to 10:20 a.m.?	The perimeter of a rectangle is 20 cm. The longer side is 6 cm. How long is the shorter side?
How many meters are there in 142 kilometers?	I, K, J, N, K, Q, L, T, _____, W	Estimate quickly the difference. 5,800 - 1,860
13, _____, 17, 19, 21, 23, 25	44 + n = 62	6 + 10 + 3
R, J, Q, I, P, H, O, G, _____, F, M, E	Circle the three numbers whose product equals 84. 7 4 4 11 7 3	J, G, K, H, _____, I, M, J, N, K

Name: _____

Sara rode her bike for 30 minutes. She went 4.45 miles. What is her speed in miles per hour?

What is the area of a rectangle with sides 5 cm and 9 cm?

It was 5 degrees above zero in the morning. By afternoon the temperature rose 17 degrees. How warm was it?

Know how many inches in a foot? Okay, smarty pants, how many inches in 8 feet?

The area of a rectangle is 27 cm^2. What could the length of the 4 sides be?

It's 10:00 a.m. and Megan is getting ready for soccer practice. If practice starts at 6:35 p.m., then how much longer until soccer starts?

42, 43, 44, 48, 52, 59, _____, 76, 86, 99, 112, 128, 144, 163, 182, 204

Name: _____

Fill in the missing numbers.

22 - (-9) = _____

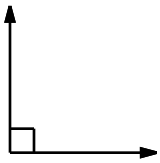
_____ - (-7) = 25

15 + (_____) = 10

-19 - (-3) = _____

_____ - (-2) = -23

-17 + (_____) = -21



What kind of angle is this?

What kind of angle is this?

Round 51,231 to the nearest hundred.

A rectangle is 41 cm on one side and 12 cm on another side. What is the perimeter?

80 divided by 8 equals

72 ÷ 8 = _____

1 km = 1,000 m

14 km = _____ m

Circle the digit in the tenths place.

5,737.92

Name: _____

Queen Victoria lived 82 years after a reign of 60 years. Write the fraction of her life she spent as Queen of England as a fraction in simplest form.

Adam went to the store to buy some of the ingredients for Indian pudding for his mother. He bought cornmeal ($1.82), cinnamon ($2.14), milk ($2.73), and eggs ($1.24). The clerk added up the total and Adam gave him a twenty-dollar bill. How much change did Adam get?

Mr. Lee 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 $1\frac{1}{2}$ pints of paint. He filled 15 $\frac{2}{3}$ small cans with the paint he bought. How many pints of paint did he buy?

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

_____

58,811 + 22,629 = _____

$$\begin{array}{r} 727 \\ -\ 695 \\ \hline \end{array}$$

Can 248 be evenly divided by 8? Circle:
248 is evenly divisible by 8
248 is NOT evenly divisible by 8

7 x 3 =

$$\begin{array}{r} 350 \\ +\ 329 \\ \hline \end{array}$$

2 x 6 = _____

How many millimeters are in 2 centimeters?

_____ millimeters

12 x 11 = _____

Name: _____

Sudoku Sums of 9

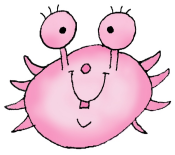
Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 9.

Here is an example of a sudoku sum of 9:

1	8

5					
2		6		4	
			4	5	
1					6
			6	1	
			2		4

$$\begin{array}{r} 68 \\ -\ 21 \\ \hline \end{array}$$



Write the missing family fact.

4 x 19 = 76
76 ÷ 19 = 4
76 ÷ 4 = 19

_____

6 x 11 = _____

10 x 12 =

20 cm = _____ mm

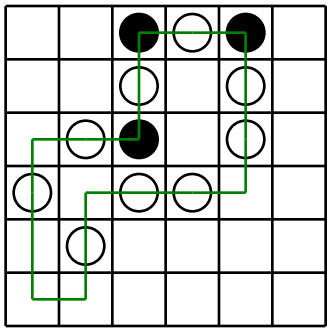
$$\begin{array}{r} 44 \\ +\ 20 \\ \hline \end{array}$$

For 741,265,796,175,166, write the digit that is in the ten thousands place.

_____

word root **idio** can mean **peculiar** **idiom, idiosyncrasy**

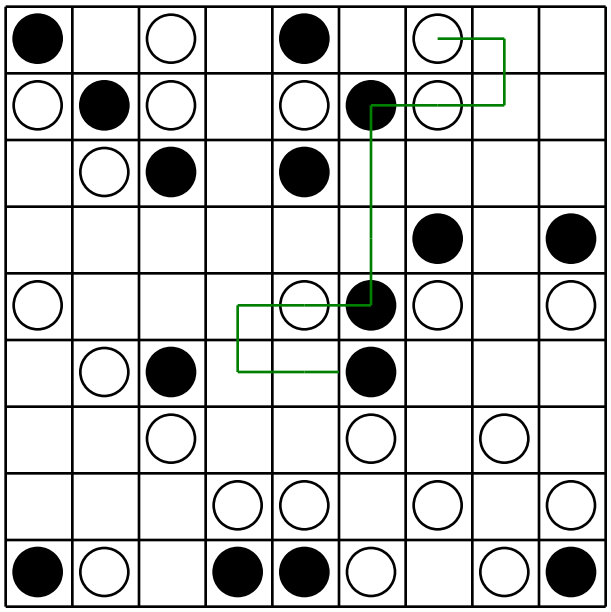
Name: _____



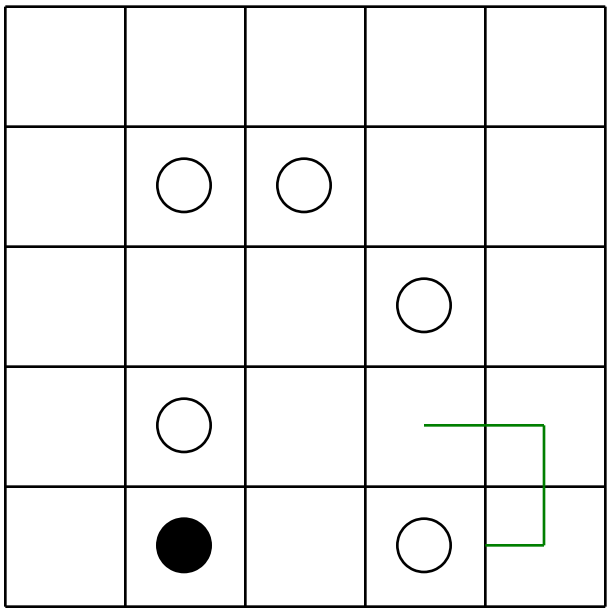
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



90 ÷ 10 = _____

11 x 12 =

If you divide 56 by 3, you get a remainder of 2.
Make up three other different equations where you divide by 3 and get a remainder of 2.

84 ÷ 7 = _____

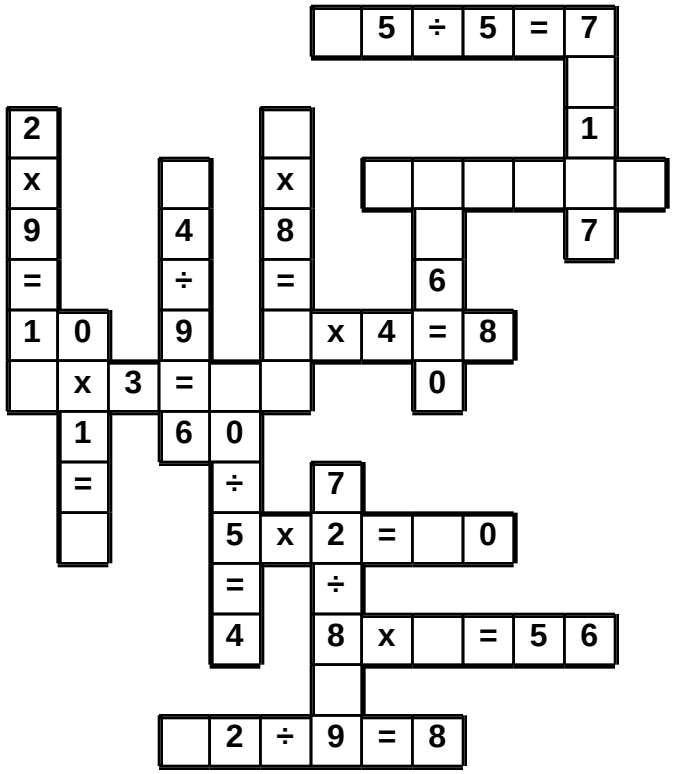
11 x 11 = _____

38,936 + 61,729 = _____

Name: _____

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

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



50 ÷ 10 =

33 ÷ 11 =

What should replace the B in this equation?

47 x 11 + B = 570

4 x 5 = _____

3 x 9 = _____

3 x 11 = _____

What number is halfway between 3 and 15?

Circle the greatest number:

208,956,910,473

504,278

2,847,813

9,136,761,345

Name: _____

The EdHelper swim team has four members: Makayla, John, Sydney, and Katherine. Today, they competed in two races. The time they took to complete the first race was 22.222, 22.802, 23.832, and 24.762 seconds. The time they took to complete the second race was 22.241, 23.712, 23.452, and 25.042 seconds.

Figure out how long each swim team member took to finish the first and second races.

1. Makayla finished the first race only one and sixty-one hundredths seconds behind the winner.
2. It took John approximately twenty-five seconds to complete the second race.
3. It took John approximately twenty-five seconds to complete the first race.
4. Sydney finished the second race only one and four hundred seventy-one thousandths seconds behind the winner.
5. Katherine took nineteen thousandths of a second longer to finish the second race than to complete the first race.

Makayla finished the first race in _____ seconds and the second in _____ seconds.

John finished the first race in _____ seconds and the second in _____ seconds.

Sydney finished the first race in _____ seconds and the second in _____ seconds.

Katherine finished the first race in _____ seconds and the second in _____ seconds.

36 ÷ 6 = _____

3 x 11 = _____

Write the numbers 35 to 50 on a sheet of paper. How many of these numbers are divisible by 2?

_____

What time is 15 hours after 5:00 p.m.?

_____

10 x 7 = _____

3 x 5 = _____

Peter has four dimes, four quarters, and one penny. He also has one other coin that is different from the rest of his coins. How much could he have?

10 x 4 = _____

word root **aqua** can mean **water** **aquarium, aquatic**

Name: _____

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

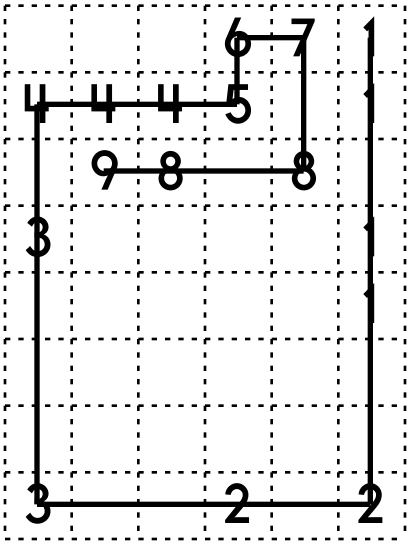
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

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

Draw exactly 8 lines.

Start on 1.

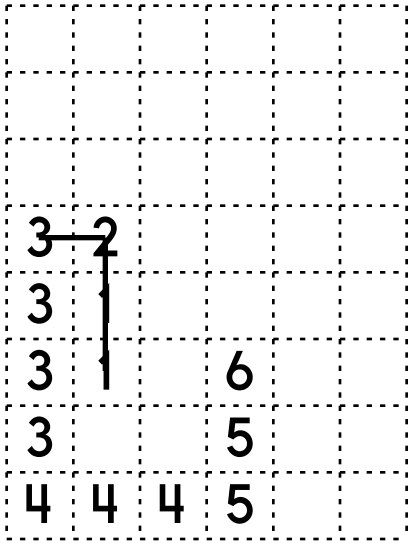
Do not pick up your pencil.



Draw exactly 5 lines.

Start on 1.

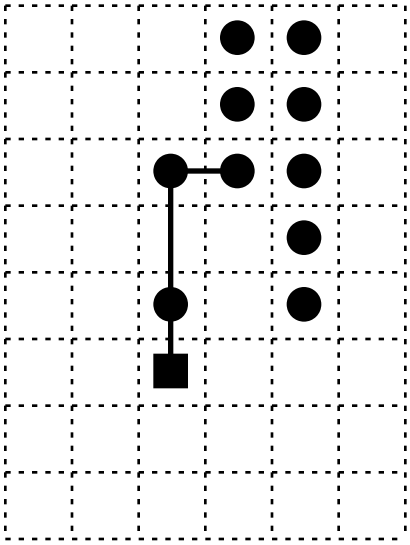
Do not pick up your pencil.



Draw exactly 5 lines.

Start on the square.

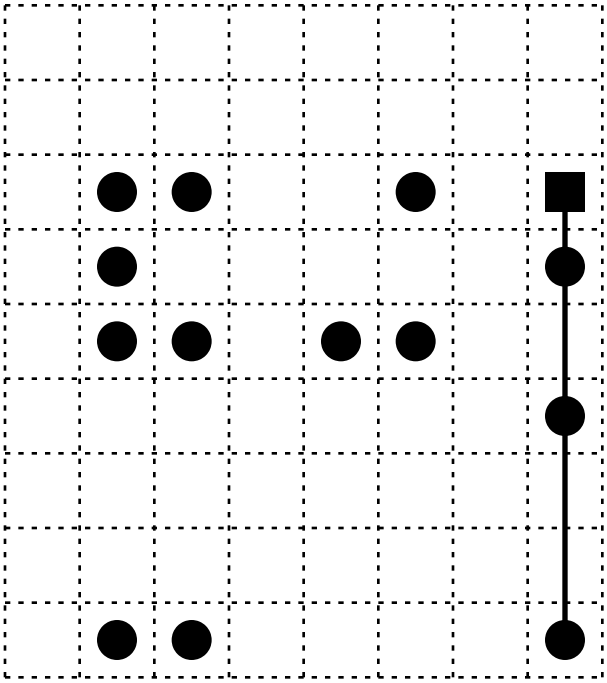
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

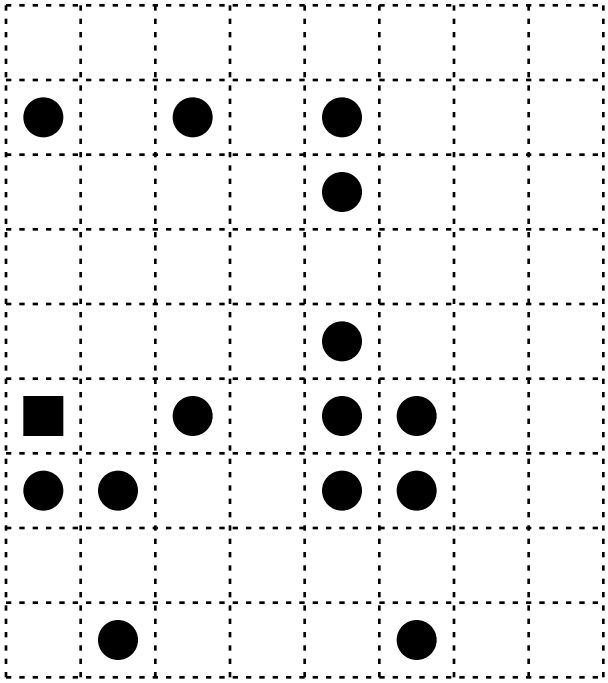
Do not pick up your pencil.



Draw exactly 8 lines.

Start on the square.

Do not pick up your pencil.



Name: _____

Cross off the number that does NOT belong.

0, 5, 5, 0, 0, 0, 0, 5, 5, 0, 0, 0, 0, 0, 5,

0, 0, 5, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

44, 48, 52, 58, 64, 72, 75, 80, 90, 100, 112, 124, 138, 152, 168, 184, 202

Why does _____ not belong in the pattern?

Name: _____

Gavin has not been too successful when running the quarterback sneak play for the Smallville football team this year. On six attempts, he has achieved the following results (in yards): 2, -2, -4, 1, -1, and -3. What is his average yardage on the quarterback sneak? Round your answer to the nearest tenth.

If a cube with a 6 in side length is sliced in half what is the surface area of the two pieces?

A cold, saturated solution of magnesium ferrocyanide contains 33 grams of the salt per 100 ml. If you have a solution that contains 24 g of magnesium ferrocyanide per 100 ml, how close is it to being saturated? Express your answer as a percent rounded to the nearest whole number.

At the beginning of a distillation experiment there were 302 ml of methanol in a boiling flask. At the end of the experiment, there were 85 ml. How many milliliters of methanol were removed from the flask?

Anna divided her pie into eighths. Jessica divided her pie into fourths. Anna's family ate six eighths of her pie. How many fourths of Jessica's pie would have to be eaten to result in an equivalent amount of pie being eaten?

Mr. Bloop is rolling small steel disks down a ramp. Each disk is 2 cm in diameter and 4 mm thick. It takes 5 seconds to go down the ramp and the distance traveled from the top to the bottom of the ramp is 90 cm. How many revolutions does a disk make on the way down? Round your answer to the nearest hundredth.

Name: _____

There were 1621 goldfish in the Bigtown University research pond. If 36% of them were less than 1-inch long, how many were greater than 1-inch long? Round to the nearest whole number.

The mailman walked 3.19 km on his route. How many meters did he walk?

The Russian (Cyrillic) alphabet has 33 characters. The English alphabet has 26 characters, and the German alphabet has 30 characters. Write the ratio of German to Russian in simplest terms.

The formula for converting Celsius (C) temperature to Fahrenheit (F) temperature is F = 9/5C + 32. How many degrees F is 147 degrees C? Round your answer to the nearest tenth.

Circle the smallest number:

3,100 46,814,798,256

967,482,305 290,573

93,724 - 56,184 = _____

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

nine hundred forty-two thousand, six hundred fifty-one

_____

3 x 3 = _____

In the number 12,643,237,188, the digit 6 is in what place?

_____

49 ÷ 7 = _____

Name: _____

Cross off the number that does NOT belong.

$39\frac{1}{6}$, $36\frac{5}{6}$, $35\frac{1}{3}$, 33, $31\frac{1}{2}$, $29\frac{1}{6}$, $27\frac{2}{3}$,

$25\frac{1}{3}$, $23\frac{5}{6}$, $21\frac{1}{2}$, 20, 18^^ , $17\frac{2}{3}$

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

9.2, 24.2, 5.8, 39.2, 69.2, 114.2, 222.6,

406, 742.8, 1371.4, 2520.2, 2588.2, 4634.4, 8526

Why does _____ not belong in the pattern?

Name: _____

Pay the bill!

Jenna needs money. She wants to get $140 in cash, so she writes a check payable to cash in this amount. Write this check.

JENNA 1239

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆996493164⑆ ⑈51319⑈ 1239

Pay the bill!

Jenna received a bill for her cellphone from Mobile Unlimited for $58.24. Write the check as Jenna would write it.

JENNA 1240

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆996493164⑆ ⑈51319⑈ 1240

$$\begin{array}{r} 1{,}556 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 19 \\ \hline \end{array}$$

Multiply 341 and 9.

$6 + (104 \div 8) - 44 \div 4 =$

0.6×0.3

Simplify.

$\frac{18}{27} =$

Name: _____

Ava has 29 coins in her toy bank. The code to open this cool bank is 9288. She has no quarters, bills, or pennies. All she has are nickels and dimes. They total $2.40. How many dimes does she have?

Anne lives in New Delhi where it is currently Sat. at 10:45 p.m. She made a phone call to Ava who lives in Lagos. It is 6:15 p.m. and Sat. in Lagos. What is the difference in time?

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

7 1 2 8 4

The product of a 2-digit number and a 1-digit number is 126. Write the equation.

Name: _____

Mrs. Lewis's class is raising money for needy people during April.

Anna saved a dime for each day of the month to donate.

Billy saved a nickel each day. Who collected more money? By how much more?

Justin lined up 12-inch long blocks next to each other. He had 27 of these blocks.

Now Billy wants to make the same length but use 9-inch blocks. How many 9-inch blocks will he need to use?

Name: _____

Remove two numbers so that the sum of the remaining numbers is 101.

31

7

44

17

53

Jessica likes to run. She started using a running app on her phone in August. During the month, she ran an average of 1.2 miles per day. How many miles did she run for the entire month?

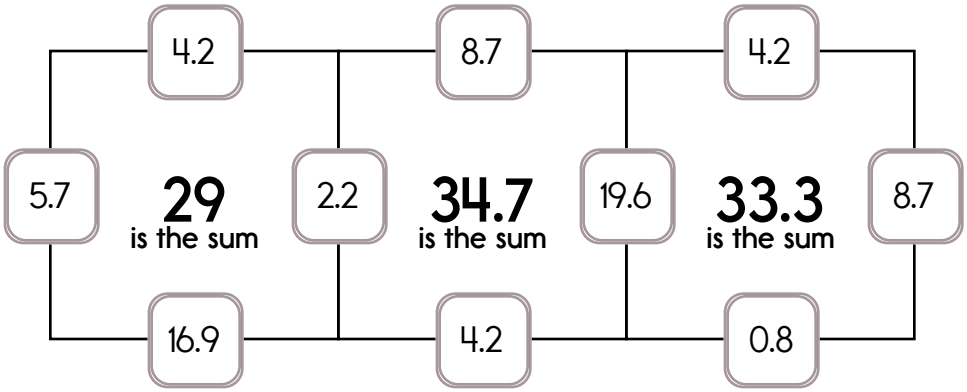
Name: _____

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

Example:
5.7 + 2.2 + 4.2 + 16.9 = 29

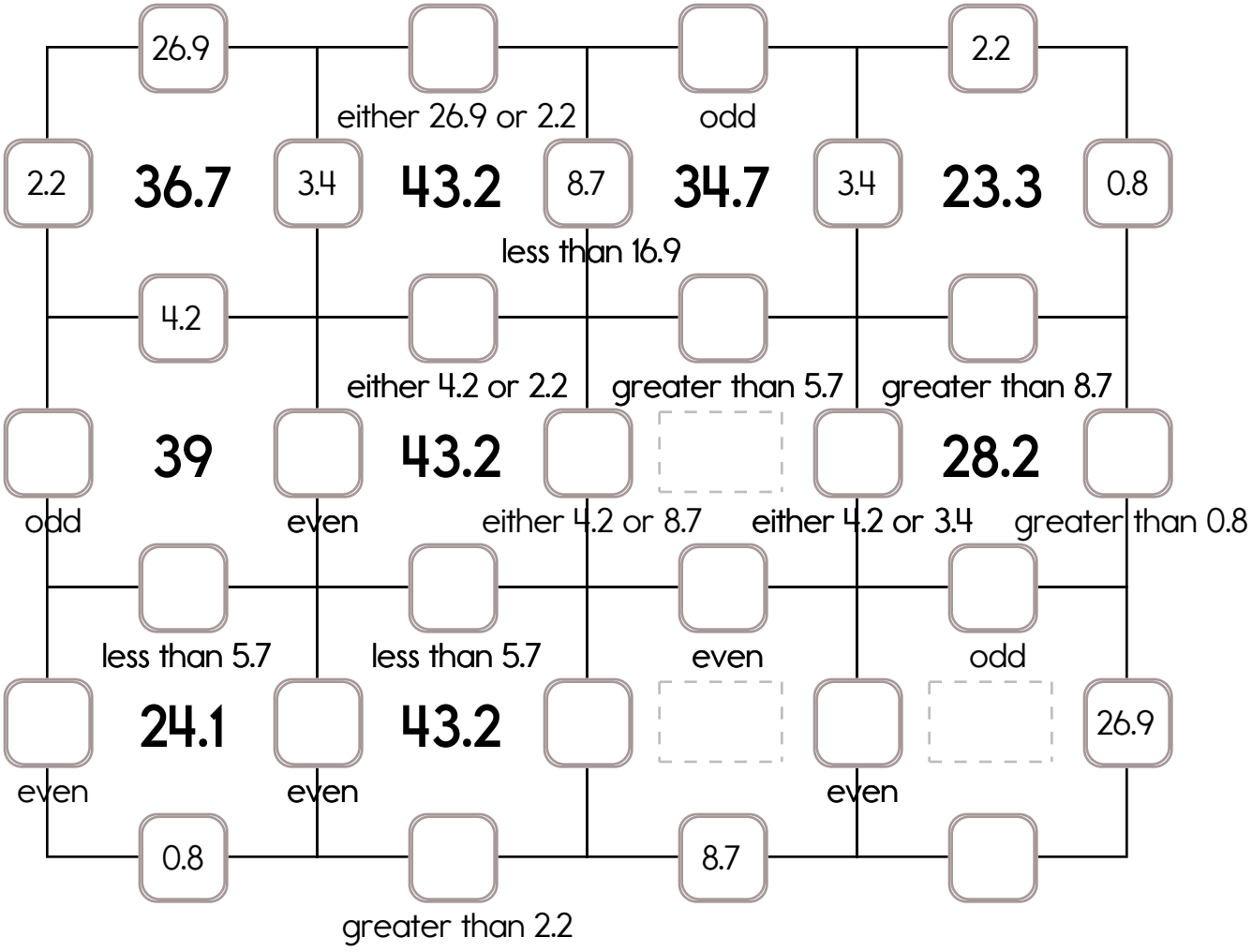
Example:
19.6 + 8.7 + 4.2 + 0.8 = 33.3

Sample:



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

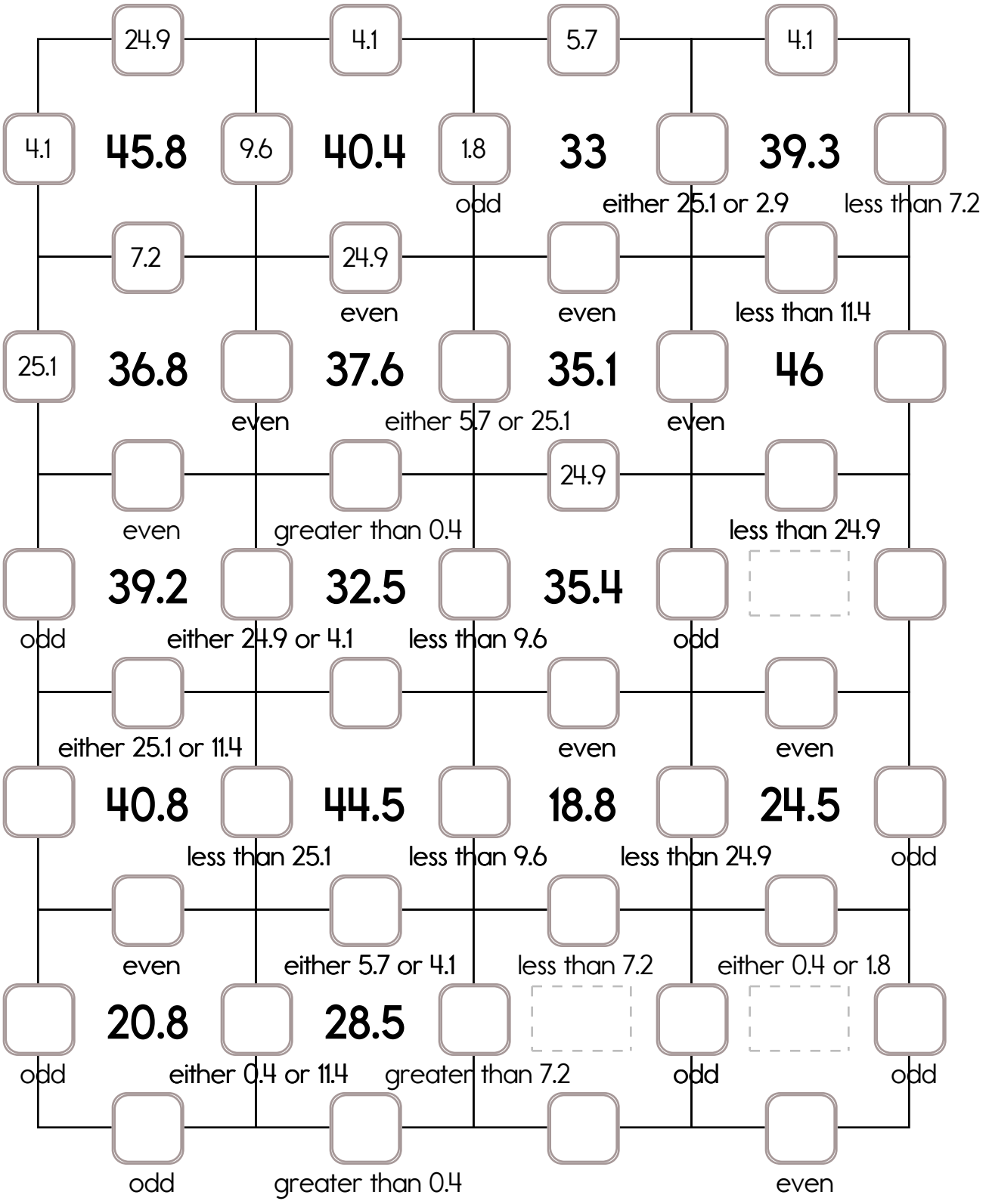
Exactly one of the four numbers has to be one of these numbers: 16.9, 19.6, or 26.9. The other three numbers have to all be DIFFERENT and must be from these: 2.2, 0.8, 4.2, 8.7, 3.4, or 5.7.



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: 25.1, 11.4, or 24.9. The other three numbers have to all be DIFFERENT and must be from these: 4.1, 9.6, 7.2, 1.8, 2.9, 0.4, or 5.7.



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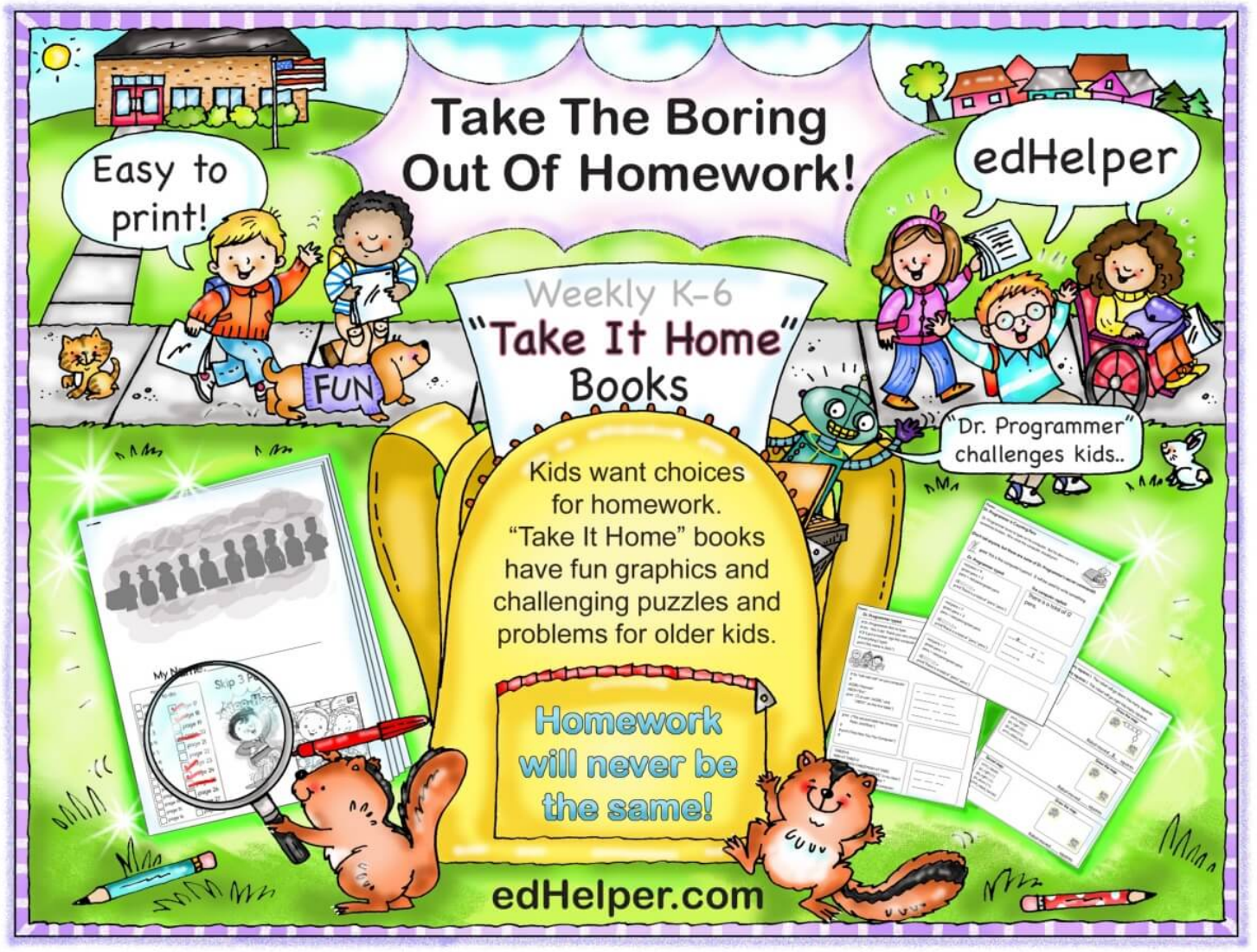
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