Name: _____

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

How much money is 1 quarter, 1 dime, 8 nickels, and 1 penny?

39 + n = 57

What is the value of n?

43, 51, 61, _____, 87, 103,

121, 141, 163, 187

5747, 7574, 4757, 7475,

5747, 7574, 4757, 7475,

5747, 7574, 4757, 7475,

_____, 7574

It was 3 degrees below zero in the morning. By afternoon the temperature rose 18 degrees. How warm was it?

$35\frac{3}{4}$, $34\frac{1}{4}$, $32\frac{3}{4}$,
$31\frac{1}{4}$, $29\frac{3}{4}$, $28\frac{1}{4}$,
$26\frac{3}{4}$, $25\frac{1}{4}$, _____,
$22\frac{1}{4}$, $20\frac{3}{4}$, $19\frac{1}{4}$

Circle the percentage that is closest to 20 out of 55:
40%
97%
5%
58%

0.6 • 7 =

55, 72, 89, _____, 123, 140

16 - 14 + t = 13
What is the value of t?

Circle the least amount:
28%
0.26

$\frac{4}{25}$

$2 \times 2 \times 2 \times 2 \times 2 = Z^y$

What is the value of Z and y?

Name: _____

Spin again.

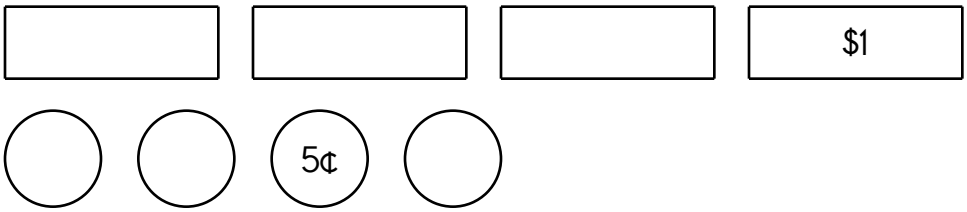
I needed to spin _____ time(s) to finish.

$30 \div 5 + 5$	What is the area of a rectangle with sides 3 cm and 9 cm?	Know how many inches in a foot? Okay, smarty pants, how many inches in 9 feet?
E, L, G, O, I, R, K, U, _____, X	63 divided by 7 equals	$9\frac{3}{9} + 4\frac{2}{9}$
$6 \times 6 = 6^x$ What is the value of x?	What is the greatest common factor of the numbers 108 and 48?	$\|-7\| + g = 4$ $g =$
$3\frac{1}{5}$, 3, $2\frac{4}{5}$, $2\frac{3}{5}$, _____, $2\frac{1}{5}$, 2, $1\frac{4}{5}$, $1\frac{3}{5}$, $1\frac{2}{5}$, $1\frac{1}{5}$, 1, $\frac{4}{5}$, $\frac{3}{5}$, $\frac{2}{5}$, $\frac{1}{5}$	3.26, 23.43, 9.78, 36.47, 69.68, 115.93, 222.08, 407.69, _____, 1375.47, 2528.86, 4650.03, 8554.36, 15733.25	What is the perimeter of a rectangle with a length of 40 centimeters and a width that is $\frac{1}{4}$ the length?

Name: _____

Make change. You can use $20, $10, $5, $1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make $32.56.



Use the fewest bills and coins to make $46.33.

Use the fewest bills and coins to make $27.54.

Use the fewest bills and coins to make $35.58.

Fill in the missing letters. Write eo or ui.

iss_____ng	mor_____ver	rod_____	acq_____re
eq_____pping	right_____us	q_____ckest	g_____logy

word root **sub** can mean **under** **submarine, subtract**

Name: _____

Amy had some pieces of wood to make a picture frame with a perimeter of 86 inches. Two of the pieces of wood are 19 inches long each. The other two pieces are equal in length. How long are the other two pieces of wood?

The height of one of the triangular sides of the Great Pyramid is approximately 481 ft. Its base is 756 ft long. What is the area of one of the sides?

Zeeka has invented a new space vehicle to go from his home planet of Zomba to his friend's planet of Oomba. It is a fun ride! It can fly at a speed of 600 mph. How far will it go in 15 minutes? Round your answer to the nearest mile.

Write as a fraction in simplest form.

$\frac{5}{6} + \frac{1}{3} + \frac{1}{10} =$ _____

$\frac{4}{5} + \frac{1}{2} + \frac{1}{10} =$ _____

$\frac{2}{3} + \frac{1}{6} + \frac{1}{12} =$ _____

word root **intro** can mean **into** **introvert, introduce**

Name: _____

Subtract 185 from 422.

$$\begin{array}{r} 6 \\ 3 \\ +\ 2 \\ \hline \end{array}$$

What number is 419 less than 508?

$$\begin{array}{r} 25\frac{3}{5} \\ -\ 3 \\ \hline \end{array}$$

Find the least common denominator.

$\frac{3}{6}$ and $\frac{4}{9}$

$$\begin{array}{r} 5\frac{1}{2} \\ +\ 7\frac{7}{8} \\ \hline \end{array}$$

What is the sum of 2.1 and 3.2?

17.5 - 6.16 =

$$\begin{array}{r} 6.3 \\ -\ 5.62 \\ \hline \end{array}$$

$3\frac{1}{2} \div 1\frac{2}{11} =$

Write the reciprocal.

$\frac{12}{1}$

$\frac{1}{2} \div \frac{1}{3} =$

Name: _____

12 is what % of 16?

Find 79% of 305.

1 is what % of 2?

$$\begin{array}{r} 3.9 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5.8 \\ \hline \end{array}$$

$$3\overline{)0.6}$$

Write the decimal in words.
0.1

Write as a decimal.

$19\frac{44}{1000}$

Write as a decimal.
Seven and nine tenths

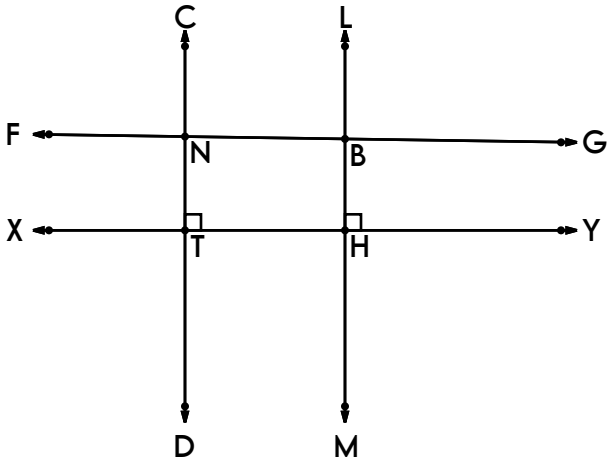
What is the greatest common factor of 2 and 18?

What is the least common multiple of 9 and 12?

Is the greatest common factor of 4 and 8 smaller, equal to, or greater than the least common multiple of 4 and 8?

Name: _____

What kind of angle is this?



Name 3 angles.

Name 2 pairs of intersecting lines.

$\frac{N}{10} = 3$

____ ÷ 7 = 11

What is the missing number?

N ÷ 5 = 12

What is the value of N?

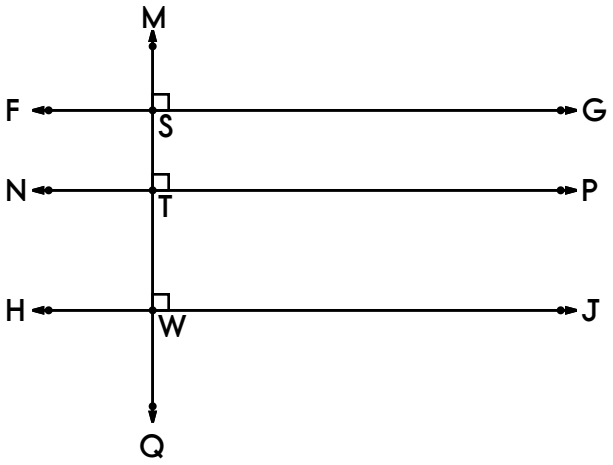
14y = 630

An angle measures 52°. What would you call this angle?

What kind of angle has a measure of between 90° and 180°?

Sketch an obtuse angle named ∠DEF.

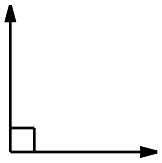
Name: _____



Name 2 parallel lines (or write none).

Name 2 perpendicular lines (or write none).

Give another name for angle ∠NTS.



What kind of angle is this?

5 + -8 =

26 + -33 =

-2 - 3 - 1 =

$7\overline{)287}$

$9\overline{)639}$

$$\begin{array}{r} 236 \\ \times\ 62 \\ \hline \end{array}$$

Name: _____

132 ÷ 12 =

$$\begin{array}{r} 322 \\ +\ 220 \\ \hline \end{array}$$

12 x 12 = _____

What number is halfway between 11 and 19?

Rewrite these in increasing order of length:

667 cm, 485 m, 886 mm, 60 km, 4 dm

60 ÷ 5 = _____

36 ÷ 12 =

$$\begin{array}{r} 30 \\ +\ 22 \\ \hline \end{array}$$

8 x 10 =

Emma rolls a die. What is the chance of her rolling a 1?

_____

Write the numbers 55 to 80 on a sheet of paper.
How many of these numbers are divisible by 5?

_____

How many kilograms are in 7,000 grams?

_____ kilograms

5,826 - 3,543 = _____

11 x 12 = _____

99 ÷ 11 =

$$\begin{array}{r} 339 \\ -\ 300 \\ \hline \end{array}$$

23% of 100 is 23.
23% of 200 is 46.
23% of 500 is 115.

What is 23% of 700?

$$\begin{array}{r} 87 \\ -\ 25 \\ \hline \end{array}$$

1 lb = 16 oz

11 lb = _____ oz

28 ÷ 7 = _____

72 ÷ 12 = _____

Name: _____

Sudoku Sums of 6

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 6.

Here is an example of a sudoku sum of 6:

2	4

					4
2			5		
			3		5
		4			
4	5			1	2
		1			

120 ÷ 12 = _____

(9 + 8) + 8 =

17 cm = _____ mm

54 ÷ 6 = _____

Here is a pattern of letters:

W J W X F W J W X F W J W X F W J W X F . . .

What letter will be the 35th term in the pattern?

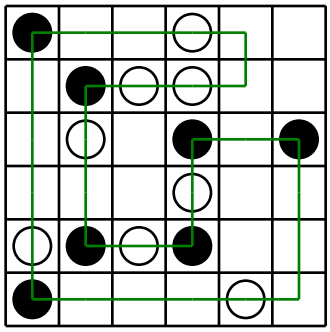
Circle the digit in the hundredths place.

39.6575

12 x 5 = _____

word root **elem** can mean **first principle** **element, elementary**

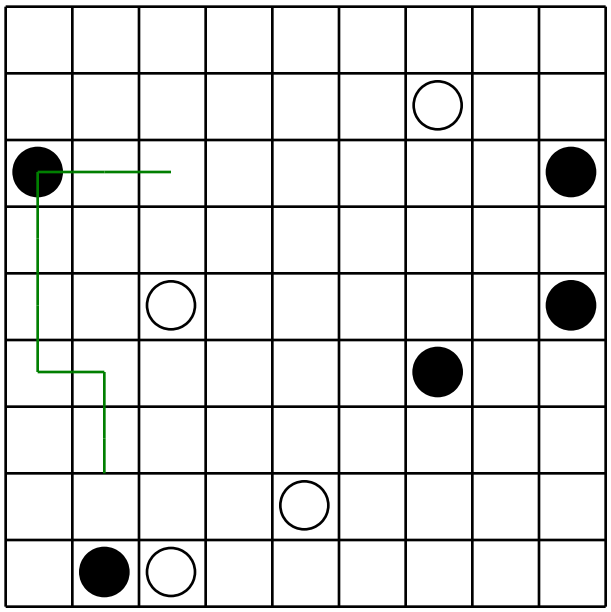
Name: _____



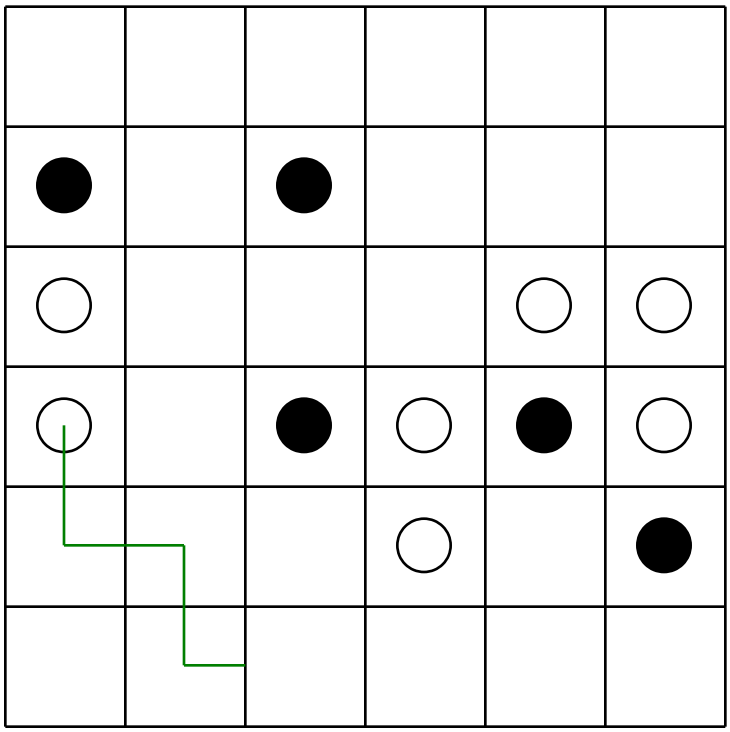
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



764 - 151 = _____

You cannot decide what pizza store to go to. Sarah's pizza cuts their pizza into 8 slices. Each slice costs $3 each. Jenna's pizza cuts their pizza into 5 slices. Each slice costs $4 each. If you like each pizza the same, which pizza store has the better buy?

For 4,506,762,979,922,206, write the digit that is in the hundred thousands place.

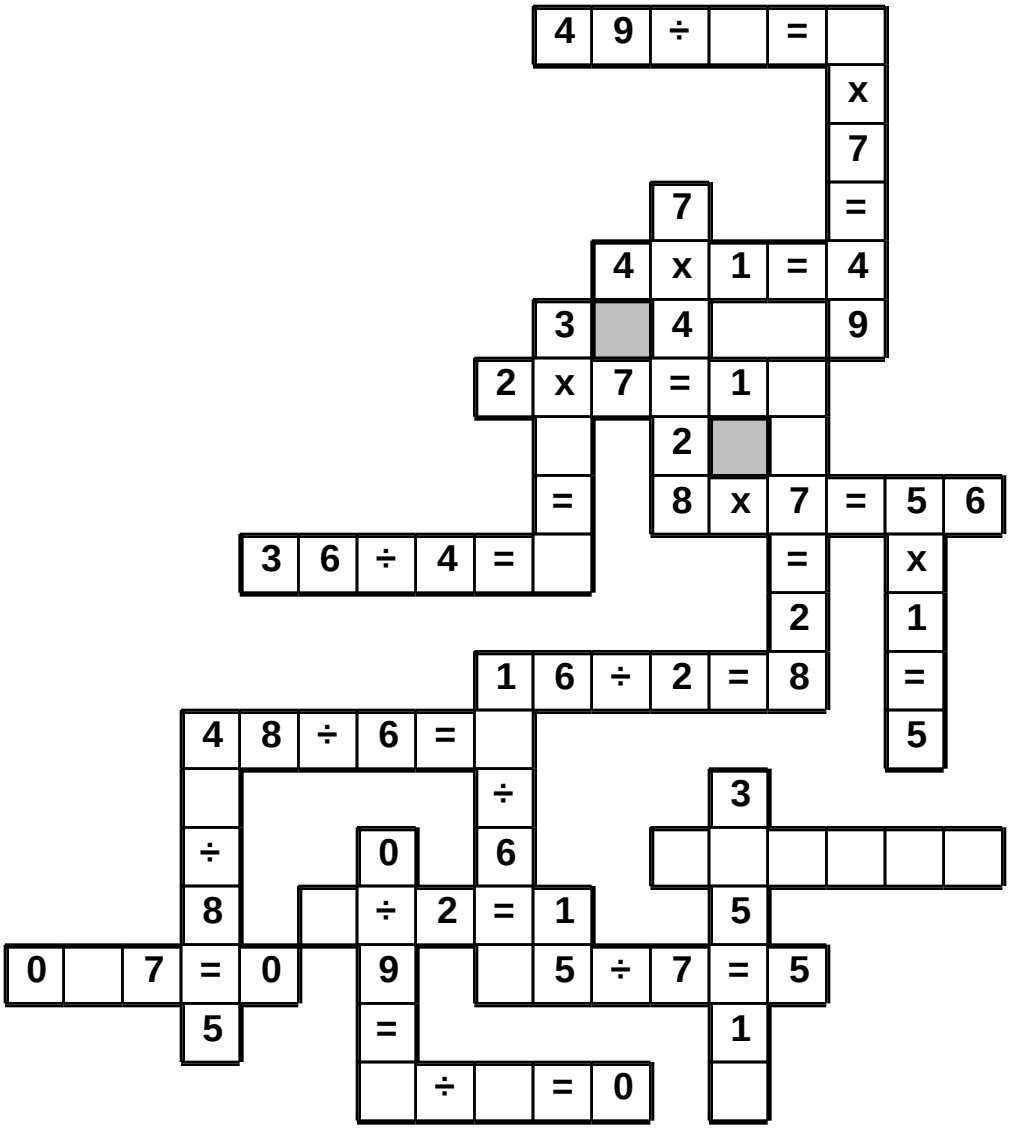
_____

30 ÷ 10 = _____

Name: _____

7 • 7 • 4 • 3 • x • 9 • 8 • 0 • 5 • x • 4 • = • 2 • 0 • 2 • x
3 • 0 • 5 • 5

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



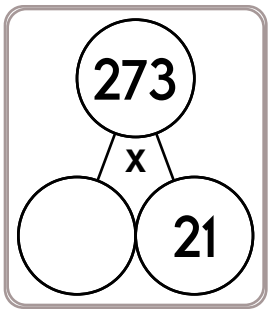
Write the missing family fact.

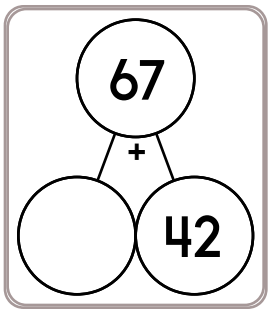
16 x 9 = 144
144 ÷ 9 = 16
9 x 16 = 144

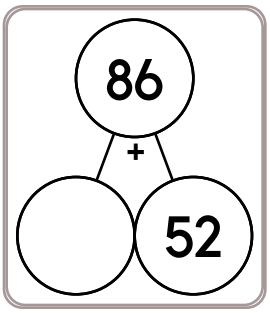
_____

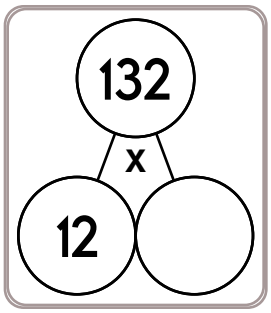
296 + 571 = _____

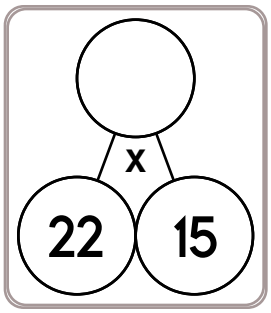
Name: _____

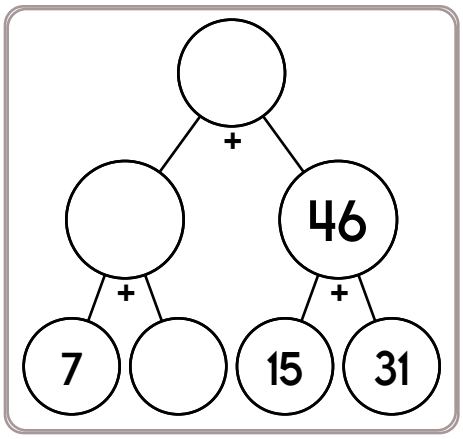


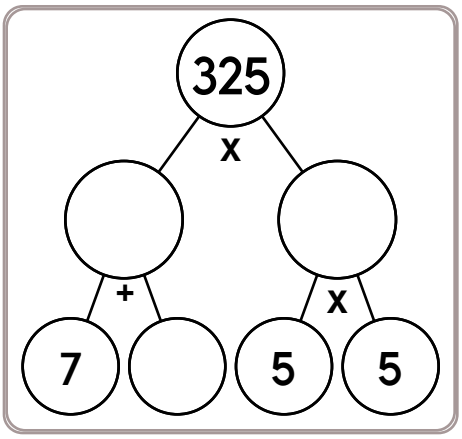


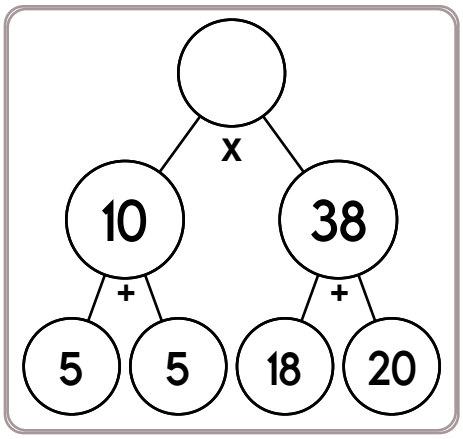


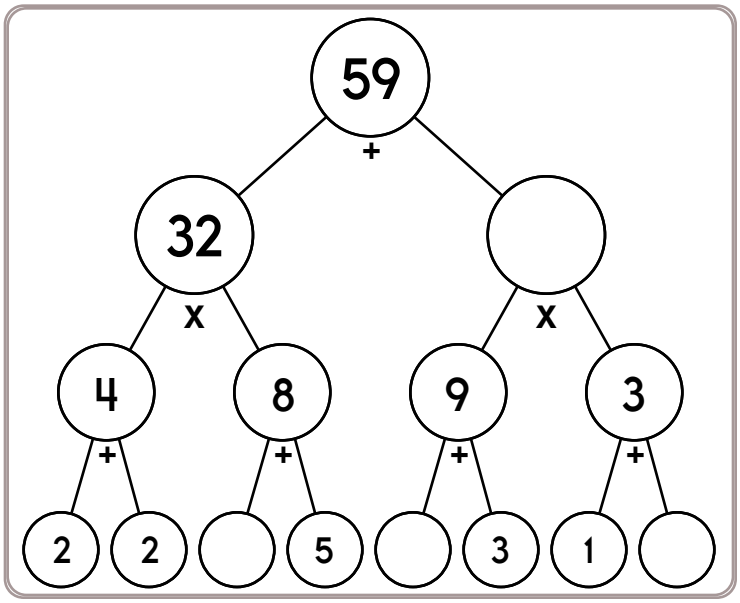


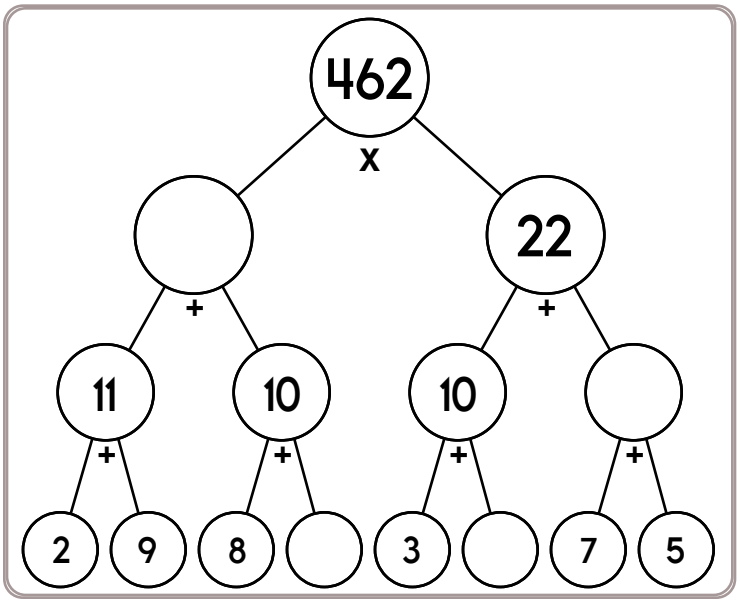












$$\begin{array}{r} \frac{11}{12} \\ \frac{5}{12} \\ +\ \frac{3}{12} \\ \hline \end{array}$$

Change $\frac{1}{4}$ to a decimal.

$$\begin{array}{r} 3 \\ -\ 1\frac{10}{11} \\ \hline \end{array}$$

Name: _____

5 - 10 =

On a number line, what is the number that is 11 spaces right of -6?

6 - 8 =

An angle measures 113°. What would you call this angle?

Use a protractor to draw a 175° angle.

Use a protractor to draw a 150° angle.

Write the reciprocal.

$\frac{4}{3}$

$4\frac{1}{3} \times 1\frac{1}{5} =$

$\frac{4}{5} \times 26 =$

$$\begin{array}{r} 4.3 \\ \times \quad 2 \\ \hline \end{array}$$

$9\overline{)8.1}$

Change $\frac{20}{50}$ to a decimal.

Name: _____

Write a positive or negative number for each.

11 °C above zero

11 °C below zero

7 °C below zero

You had 37 points in a game and then you won 44 points. How many points do you have?

Write the smallest number.

|-8|, 824, 7, |305|, -167, |-566|, 408, 448, |222|, 866, |986|, 5, -9, |735|

Write the largest number.

-441, |9|, -483, 856, |947|, 661, 7, |-320|, |3|, -211, 1, 2, |-8|, -222

Write the largest number.

|404|, 193, |-469|, |-969|, -4, |-348|, |3|, 718, |-576|, -7, |-0|, |-518|, |-2|, |-5|

In the game Jumper, you fall and move up while moving over strange terrain.

Place	Change in Elevation
Terrain One	14 meters
Terrain Two	-19 meters
Terrain Three	-3 meters
Terrain Four	5 meters

Which point has the largest change in elevation? Hint: Use the absolute value of each place.

If you start with an elevation of 0 and you go to Terrain One, then what is your current elevation?

Use the chart on the left.

At the start of the game you start at sea level which is an elevation of 0 meters. You go through the terrain in this order: Terrain Three, Terrain One, Terrain Two
At the end of the game, what is your elevation?

A game of Jumper started with Ava challenging Jessica. They both started at an elevation of 0. The winner will be the one that is at the lowest point. Player A went to Terrain One. Player B went to Terrain Two. Who is winning?

MathWorksheets.com
Week of October 21

Name: _____

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

Estimate quickly the difference.
5,600 - 1,560

It was 9 degrees above zero in the morning. By afternoon the temperature rose 23 degrees. How warm was it?

How many minutes is it from 6:00 a.m. to 11:20 a.m.?

It's 9:00 a.m. Anne has soccer practice today. If practice starts at 5:25 p.m., then how much longer until soccer starts?

(3,486,784,401) ,

(387,420,489) , (43,046,721) ,

(4,782,969) , (531,441) ,

(59,049) , (6,561) , (729) ,

_____, (9)

B, E, H, K, N, Q, _____,

W, Z

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{7}{10}$ would go. Is $\frac{7}{10}$ closer to 0, $\frac{1}{2}$, or 1?

0, 0, 4, 4, 0, 0, 0, 4, 4,

0, 0, 0, 0, 4, 4, 0, _____,

0, 0, 0, 4, 4, 0, 0, 0, 0,

0, 0

$16\frac{6}{7}$, $17\frac{4}{7}$, $18\frac{2}{7}$, 19,
$19\frac{5}{7}$, $20\frac{3}{7}$, $21\frac{1}{7}$,
$21\frac{6}{7}$, $22\frac{4}{7}$, $23\frac{2}{7}$,
_____, $24\frac{5}{7}$

Name: _____

Cross off the number that does NOT belong.

$22\frac{5}{25}$, $21\frac{7}{10}$, $21\frac{1}{2}$, 21, $20\frac{20}{25}$, $20\frac{3}{10}$, $20\frac{1}{10}$, $19\frac{15}{25}$,

$19\frac{10}{25}$, $18\frac{23}{25}$, $18\frac{9}{10}$, $18\frac{7}{10}$, $18\frac{5}{25}$, 18, $17\frac{1}{2}$

Subtract $\frac{1}{2}$, then subtract $\frac{1}{5}$; Repeat.

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

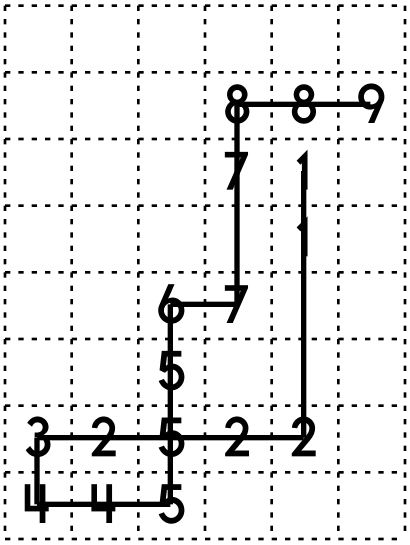
62, 34, 55, 30, 48, 47, 26, 41, 22, 34, 18, 27, 14, 20, 10

Why does _____ not belong in the pattern?

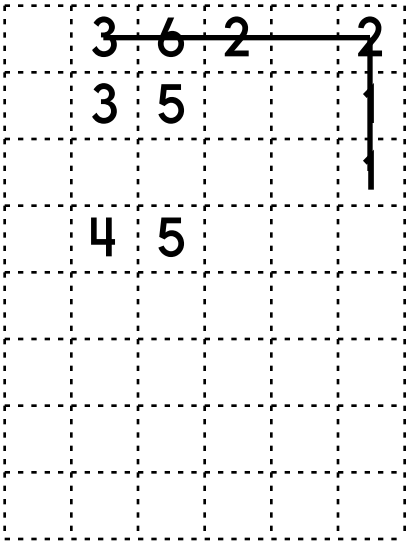
Name: _____

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.

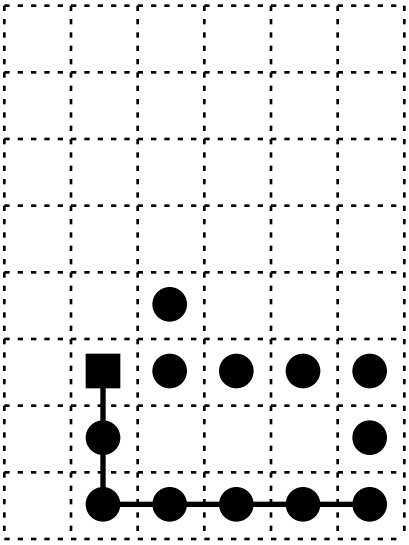
Draw exactly 8 lines.
Start on 1.
Do not pick up your pencil.



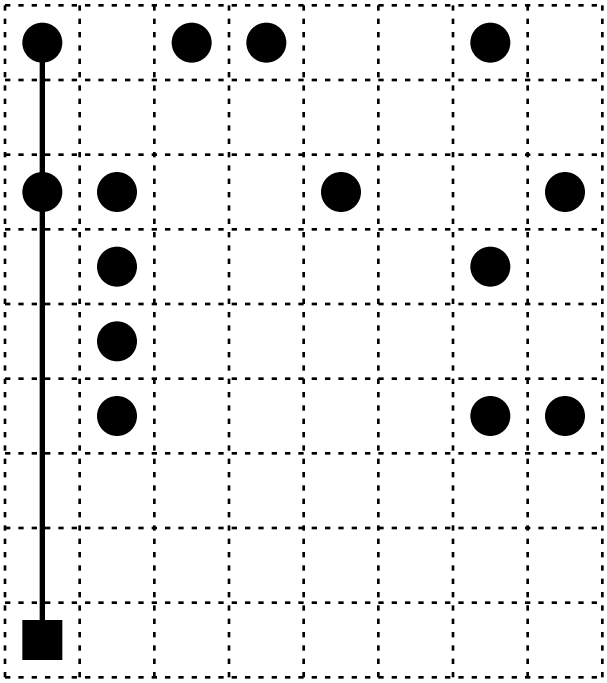
Draw exactly 5 lines.
Start on 1.
Do not pick up your pencil.



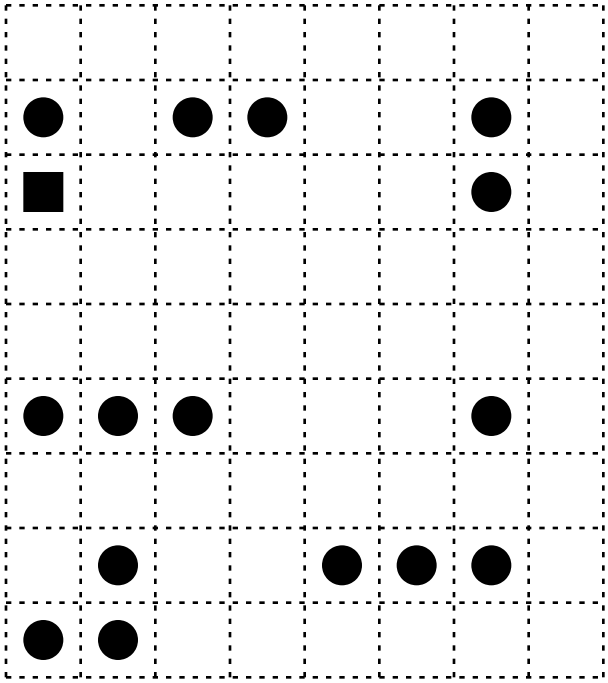
Draw exactly 5 lines.
Start on the square.
Do not pick up your pencil.



Draw exactly 7 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: _____

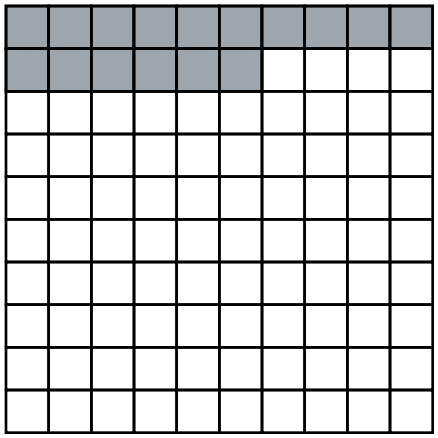
A rectangle is nineteen and three-fourths centimeters long. Its width is seven and six-sevenths centimeters. The length of this rectangle is how much longer than its width?

Three thousand multiplied by ten raised to what power equals thirty million?

The Yellow Jackets won their basketball game! Three players each scored 8 points, two players each scored 16 points, and three players each scored 10 points. What was the average number of points scored by each player? Round your answer to the nearest point.

The difference between two numbers is 336. The average of these same two numbers is 588. What are the two numbers?

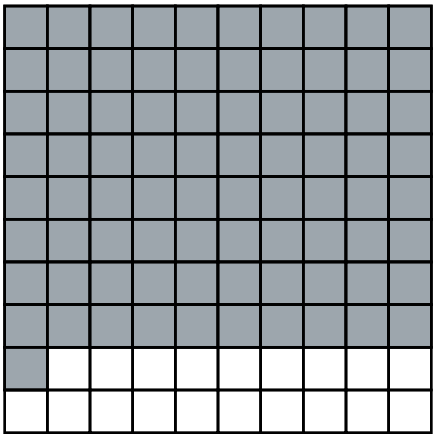
Name: _____



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.

$\frac{18}{100}$ = _____ %

$\frac{45}{100}$ = _____ %

$\frac{8}{100}$ = _____ %

19 out of 100 = _____ %

47 out of 100 = _____ %

0.29 = _____ %

0.61 = _____ %

0.04 = _____ %

0.1 = _____ %

0.33 = _____ %

0.82 = _____ %

0.4 = _____ %

0.57 = _____ %

0.07 = _____ %

0.9 = _____ %

Name: _____

Sarah put all her money in a safe. She also wanted to keep a record of the money in the safe without writing the actual amount. So she wrote x + 1773 = 2184. Now her little brother will never know the true amount!

Say you want to copy Sarah. You have $752 saved, but you don't want anyone to know. Make up an equation so that no one (but you and other math geniuses) will know.

Mega Multiplay World is a fun game to play with other people. In each world a maximum of 46 players can play at once.

a. How many worlds are needed if 330 people want to play?

b. How many worlds are needed if 609 people want to play?

List all the numbers from 1 to 53 which are:

a. multiples of 10

b. multiples of 10 but not of 5

Peter brought a bucket of pennies, nickels, dimes, and quarters to class. He wrote instructions on task cards. On the first card he wrote, "Make 36 cents from 3 coins." On the second card he wrote, "Make 52 cents from 3 coins." He gave one card to Connor, and he gave the other card to Kevin.

Connor and Kevin figured out the coins to use and showed them. Apparently Kevin counted wrong because his card's task was not possible. Which card did he get and why?

Name: _____

X	11			12	8	
	___ x 11	___ x ___	___ x ___	___ x 12	16 ___ x 8	24 ___ x ___
	___ x 11	___ x ___	___ x ___	___ x 12	48 ___ x 8	___ x ___
	88 ___ x 11	___ x ___	___ x ___	___ x 12	64 ___ x 8	___ x ___
	___ x 11	81 ___ x ___	___ x ___	___ x 12	___ x 8	___ x ___
12	12 x 11	12 x ___	84 12 x ___	12 x 12	12 x 8	144 12 x ___
	___ x 11	___ x ___	___ x ___	24 ___ x 12	___ x 8	24 ___ x ___
4	4 x 11	36 4 x ___	4 x ___	4 x 12	4 x 8	4 x ___
	44 ___ x 11	36 ___ x ___	28 ___ x ___	___ x 12	___ x 8	___ x ___

48 ÷ 6 = _____

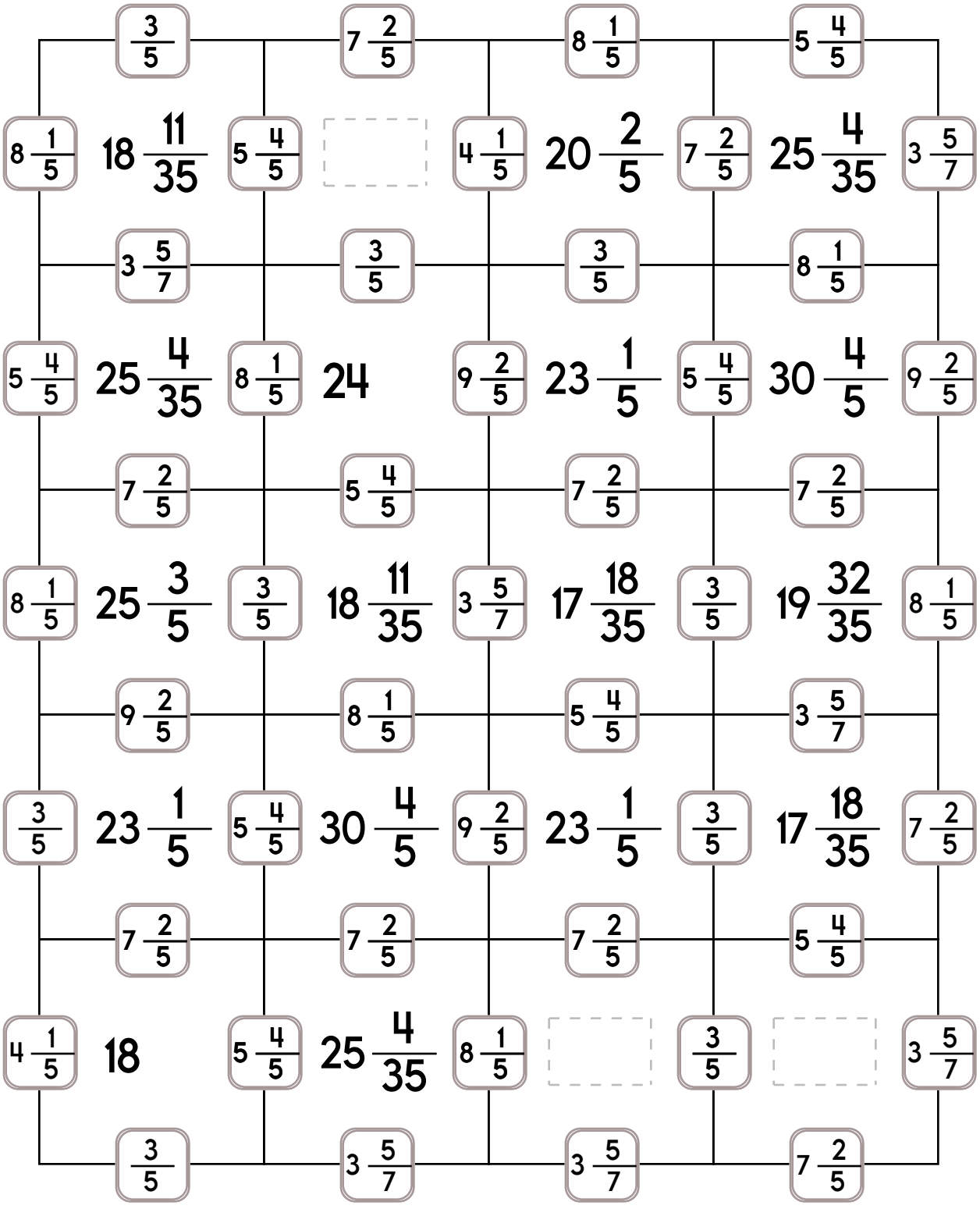
Amanda is older than Holly. Jessica is older than Amanda. Who's the youngest?

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: $9\frac{2}{5}$, $3\frac{5}{7}$, or $4\frac{1}{5}$.

The other three numbers have to all be DIFFERENT and must be from these: $\frac{3}{5}$, $5\frac{4}{5}$, $8\frac{1}{5}$, or $7\frac{2}{5}$.



Name: _____

Puzzle:

		2			38
					45
2					42
2	2				34
					43
24	35	34	52	57	+

Work Area:

		2			38
					45
2					42
2	2				34
					43
24	35	34	52	57	+

The sum for each column and row is given.

 = _____  = _____  = _____

 = _____  = _____

What is the remainder of 59 divided by 19?

0.3 (0.5 (0.3 x 2)) =

Simplify.

$\frac{84}{98}$ =

What is the mode of the following number set?

13, 17, 15, 20, 25, 9, 19, 18, 22, 21, 24, 11, 12, 10, 26

The letter p is used to represent power points in a game. The points must be greater than 551 but less than 1,717. Express this as an inequality.

If

1,000,000,000,000

= 10^x, then what is the value of x?

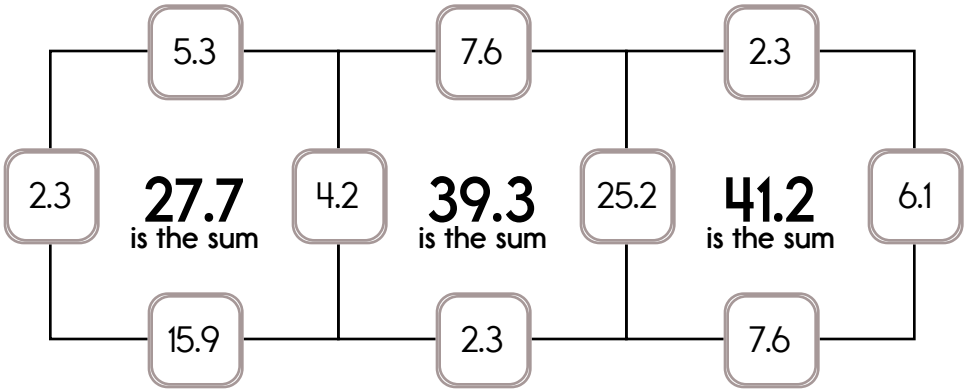
Name: _____

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

Example:
2.3 + 4.2 + 5.3 + 15.9 = 27.7

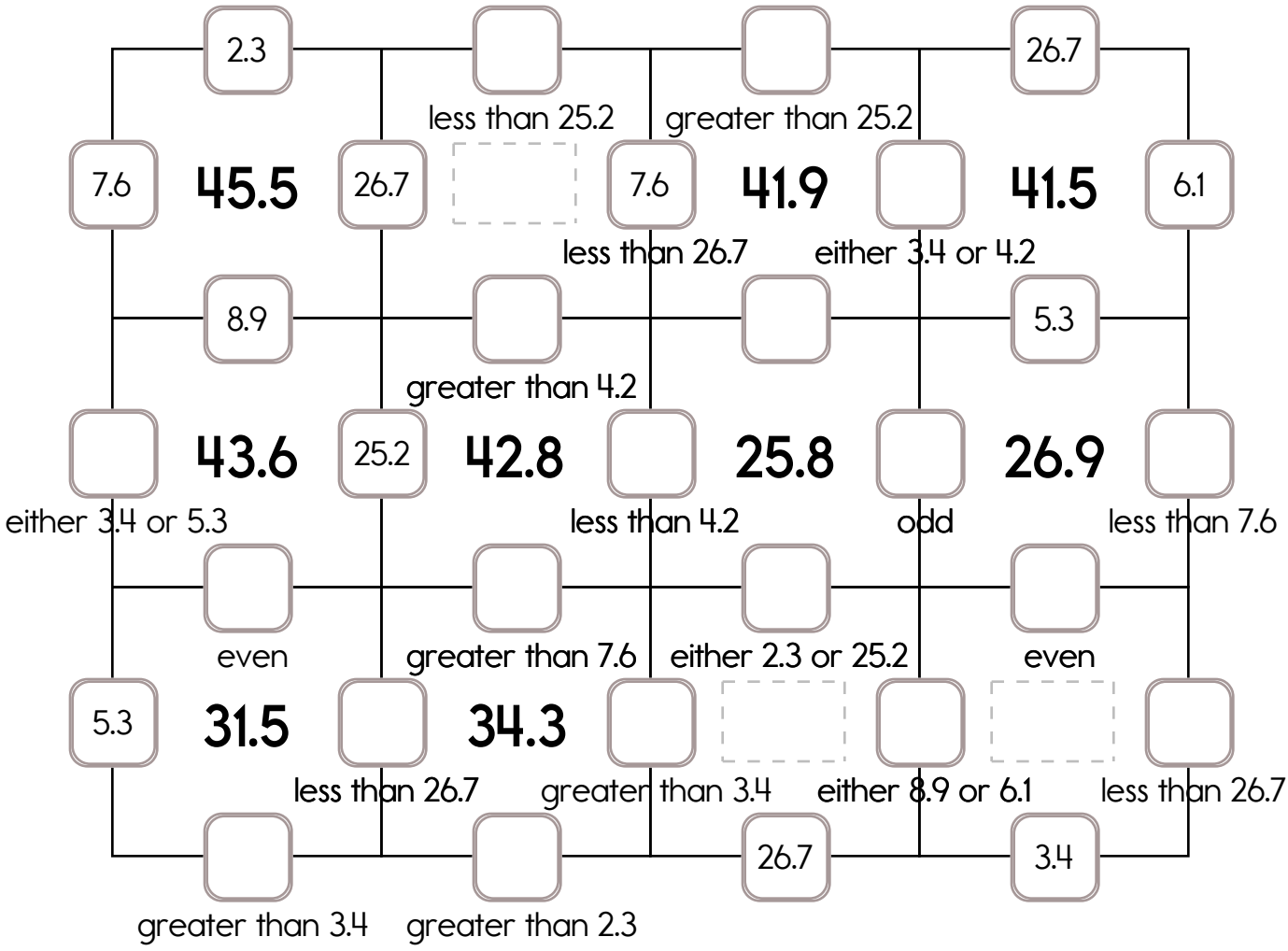
Example:
25.2 + 6.1 + 2.3 + 7.6 = 41.2

Sample:



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

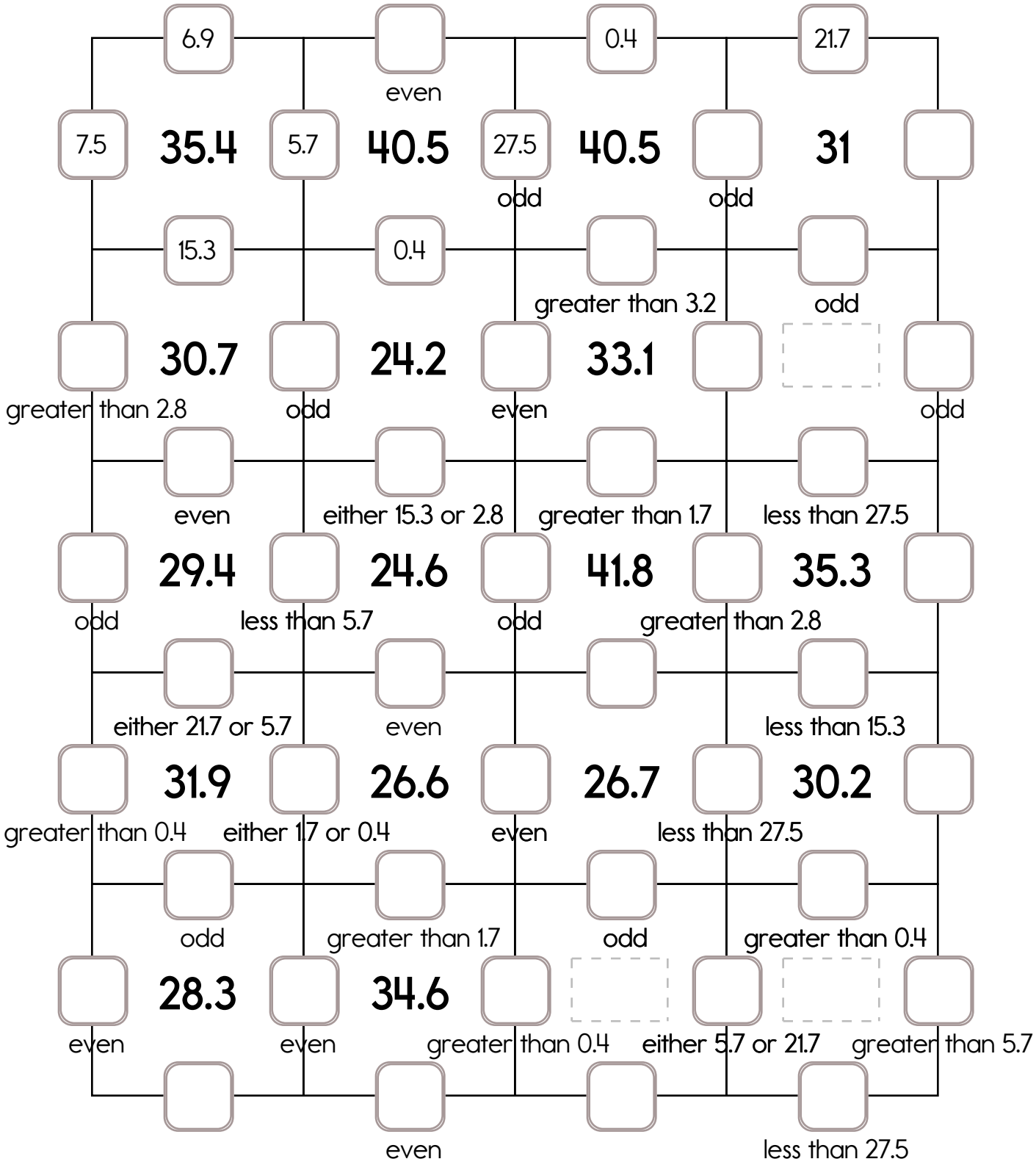
Exactly one of the four numbers has to be one of these numbers: 25.2, 15.9, or 26.7. The other three numbers have to all be DIFFERENT and must be from these: 5.3, 4.2, 2.3, 8.9, 3.4, 7.6, or 6.1.



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: 15.3, 27.5, or 21.7. The other three numbers have to all be DIFFERENT and must be from these: 0.4, 3.2, 1.7, 2.8, 5.7, 7.5, or 6.9.



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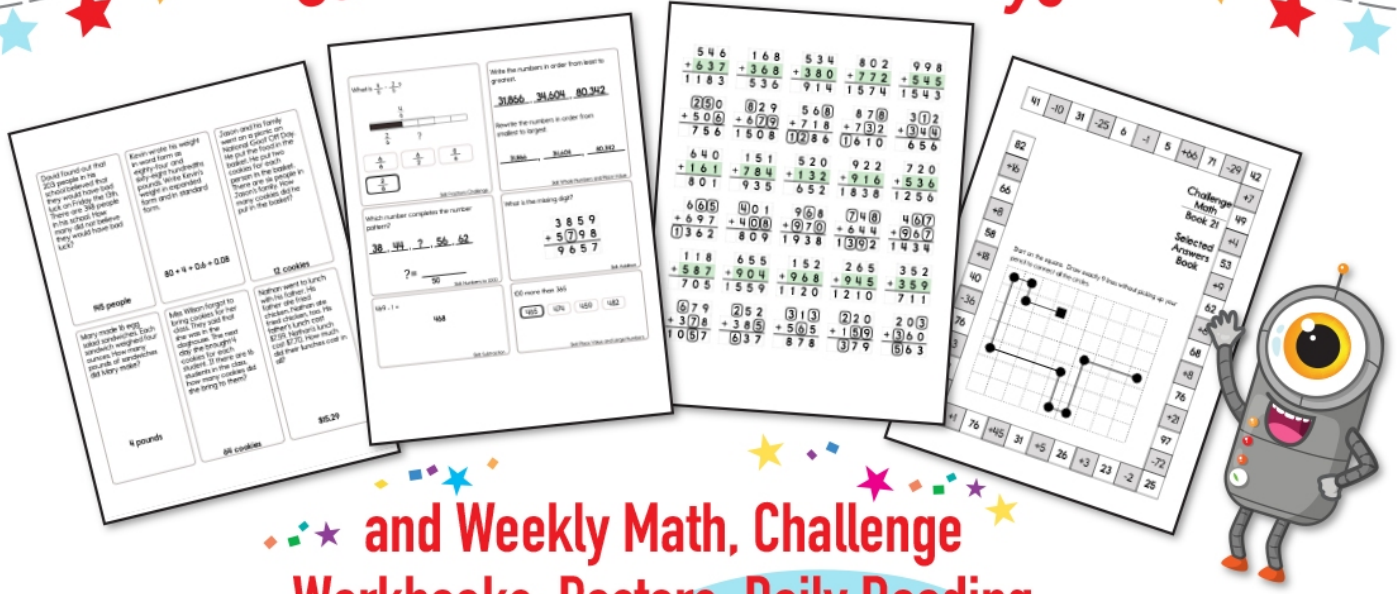

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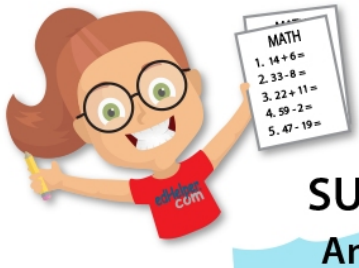

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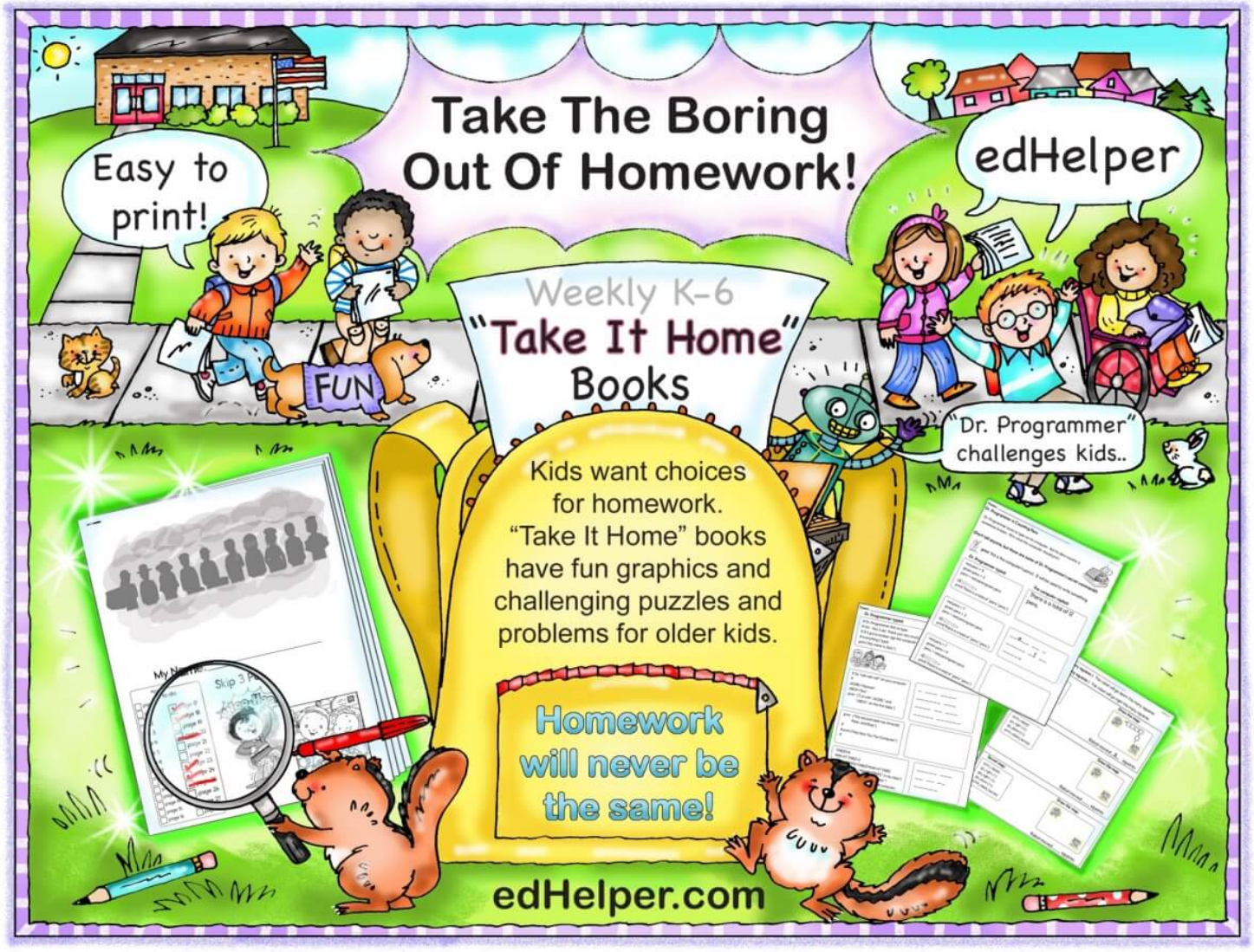
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