Name: _____

Complete each pattern, using the same rule. Write what the rule is.

3, 7, 7, 7, 7, 7, 7, 3, 7, 7, 7, 7, 7, 7,

7, 7, 7, 3, 7, 7, 7, 7, 7, 7, 7, ___, ___, ___

2, 4, 4, 4, 4, 4, 4, 2, 4, 4, 4, 4, 4, 4,

4, 4, 4, 2, 4, 4, 4, 4, 4, 4, 4, ___, ___, ___

Complete each pattern. Write what the rule is.

347879, 478793, 787934, _____, _____, 934787, 347879,

478793, 787934, 879347, 793478, 934787, 347879, 478793

38284, 82843, _____, _____, 43828, 38284, _____,

28438, 84382, 43828, 38284, 82843, 28438, 84382

Name: _____

Alex and Erin are a team. Alex makes robots, and Erin fits them for fancy robot clothes. They have two models. Model One is very small at only 5.4 inches. The other is bigger, but Alex only gave Erin a calculation as the robot is still in production. Alex wanted it to be 3 times the size of Model One, but it turns out the prototype is 5.4 inches shorter than that. How big is the prototype?

Write as a fraction in simplest form.

$$\frac{2}{3} + \frac{1}{6} + \frac{1}{4} =$$

$$\frac{3}{4} + \frac{1}{10} + \frac{4}{5} =$$

$$\frac{3}{4} + \frac{1}{10} + \frac{1}{2} =$$

Name: _____

Although playing chess doesn't intrigue Jack, he agreed to play a few games with Peter. Peter has a real knack for the game and easily defeated Jack every time they played. The first game lasted one-sixth of an hour. The second game took half of an hour and the third game was over in one and a half hours. How long did it take Peter to defeat Jack all three times?

Jack made a basket of fire starters for his father. He made them by dipping pinecones in wax. The wax was different colors. When he finished, he put them in a pretty basket with a big red bow on it. He made twenty-five fire starters. One-fifth of them were red and the rest of them were green. How many were green?

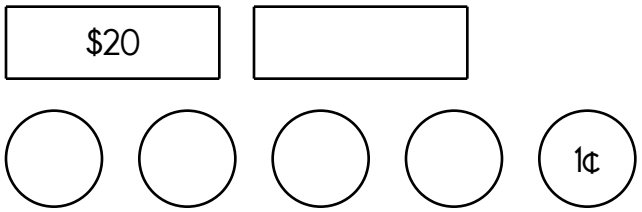
Zeeka has invented a new space vehicle to go from his home planet of Zomba to his friend's planet of Oomba. It is a fun ride! It can fly at a speed of 720 mph. How far will it go in 10 minutes?

The (make-believe) country of Slowmonia is always super slow. But they are hard working, and after 19 years of research, the country of Slowmonia launched a rocket into space to land on Pluto. It is slow! It travels 3.715 kilometers in a month. How far will it travel in 93 years?

Name: _____

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

Use the fewest bills and coins to make $21.53.



Use the fewest bills and coins to make $42.27.

Use the fewest bills and coins to make $27.47.

Use the fewest bills and coins to make $56.23.

Write 71,217 in words.

_____

16 cm = _____ mm

Name: _____

5 + 8 = _____

3 + 9 = _____

6 + 5 = _____

9 + 9 = _____

4 + 1 = _____

8 + 4 = _____

How many times
do you need to spin?

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

2 + 6 = _____

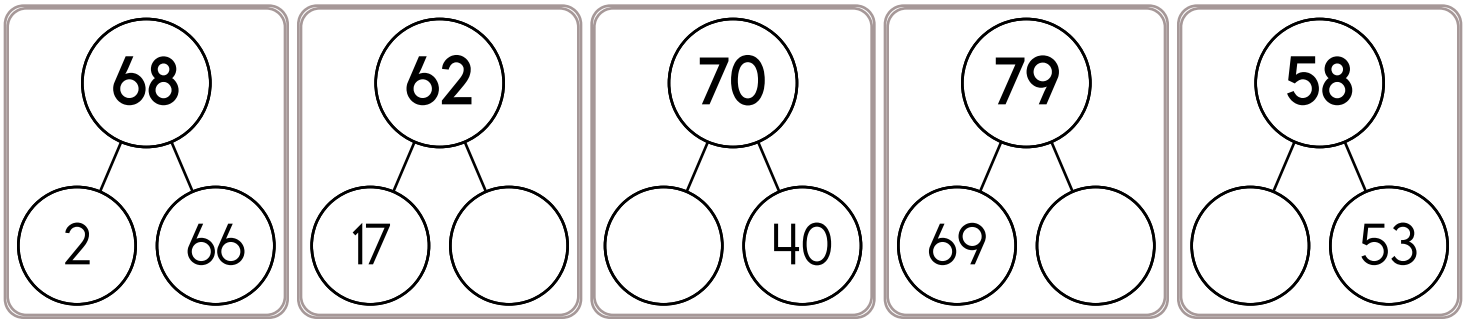
1 + 4 = _____

7 + 9 = _____

Spin fidget spinner. Quick!

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

5 - 3 = _____	4 + 9 = _____	7 x 6 = _____	5 + 4 = _____	5 + 7 = _____
3 x 5 = _____	40 ÷ 8 = _____	7 + 4 = _____	30 ÷ 5 = _____	8 + 6 = _____
9 x 3 = _____	5 - 4 = _____	4 x 8 = _____	7 + 6 = _____	4 + 8 = _____
5 + 3 = _____	5 + 3 = _____	6 x 6 = _____	3 x 3 = _____	6 + 8 = _____
5 + 8 = _____	42 ÷ 6 = _____	5 x 3 = _____	3 + 4 = _____	9 + 4 = _____



23 + 4 = _____	14 + 3 = _____	45 + 8 = _____	38 + 7 = _____	68 + 8 = _____
79 + 5 = _____	53 + 7 = _____	36 + 7 = _____	45 + 9 = _____	24 + 9 = _____
17 + 6 = _____	65 + 5 = _____	59 + 9 = _____	77 + 5 = _____	27 + 3 = _____
34 + 7 = _____	26 + 7 = _____	67 + 9 = _____	53 + 9 = _____	19 + 7 = _____
77 + 5 = _____	49 + 3 = _____	17 + 4 = _____	63 + 5 = _____	37 + 6 = _____

Name: _____

5 + 8 = _____

1 + 5 = _____

3 + 1 = _____

8 + 9 = _____

6 + 3 = _____

4 + 4 = _____

How many times
do you need to spin?

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

2 + 3 = _____

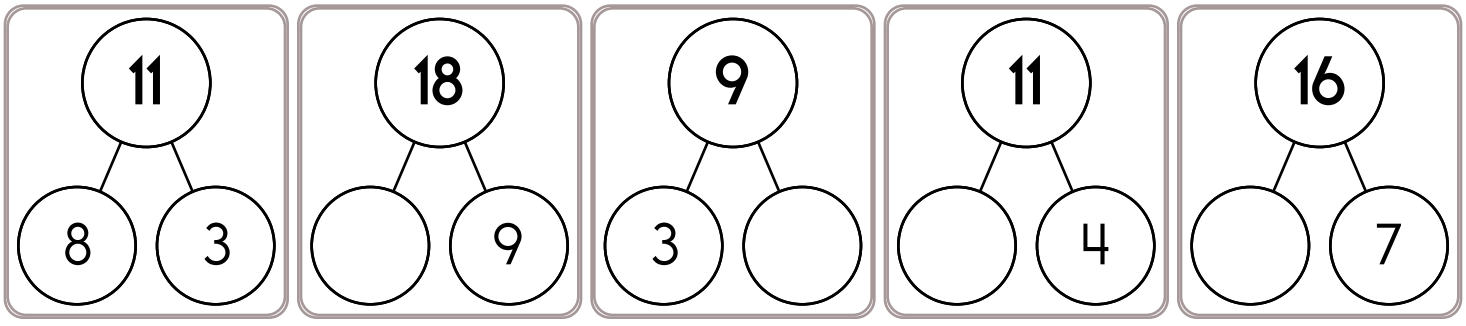
9 + 5 = _____

7 + 5 = _____

Spin fidget spinner. Quick!

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

3 + 5 = _____	3 x 3 = _____	4 + 6 = _____	4 x 8 = _____	5 + 5 = _____
3 + 8 = _____	7 - 3 = _____	48 ÷ 6 = _____	7 x 7 = _____	7 x 9 = _____
9 + 4 = _____	27 ÷ 9 = _____	9 + 3 = _____	4 + 9 = _____	4 x 7 = _____
7 + 6 = _____	7 + 3 = _____	7 x 7 = _____	9 + 6 = _____	3 + 3 = _____
32 ÷ 4 = _____	8 + 4 = _____	7 x 7 = _____	9 - 8 = _____	5 + 9 = _____
7 - 5 = _____	6 x 7 = _____	7 + 7 = _____	7 + 8 = _____	5 + 8 = _____



13 + 7 = _____	73 + 5 = _____	68 + 3 = _____	59 + 4 = _____	46 + 6 = _____
33 + 8 = _____	24 + 4 = _____	55 + 7 = _____	78 + 3 = _____	13 + 4 = _____
67 + 6 = _____	25 + 8 = _____	37 + 4 = _____	47 + 5 = _____	24 + 8 = _____
53 + 7 = _____	43 + 9 = _____	18 + 8 = _____	28 + 7 = _____	66 + 7 = _____

Name: _____

Robert has 30 living relatives. Of that number, 15 are more than 50 years old. What is the ratio of relatives over 50 to relatives 50 or younger?

It was such pandemonium! There were books stacked everywhere in the new bookstore. Adam finally found the book he wanted at the bottom of the stack. He gave the clerk a 20-dollar bill. If the price of the book was $16.58, how much change did he get?

Emily has a recipe for making 10 cups of wild bird food. It calls for $1\frac{1}{4}$ cups of rye seed. How much rye seed will she need to make 6 cups of wild bird food?

Anna rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being five?

2 x 5 = _____

35 ÷ 5 = _____

How many dimes make $1.10?

For 7,163,584,008,940,402, write the digit that is in the hundred thousands place.

_____

$$\begin{array}{r} 819 \\ -\ 614 \\ \hline \end{array}$$

Circle the digit in the tenths place.

15.111

418 - 393 = _____

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

_____

$$\begin{array}{r} 67 \\ -\ 48 \\ \hline \end{array}$$

word root **dis** can mean **away** **dismiss, distract**

Name: _____

Holly is going to roll two dice. What is the chance that her total will be either 4 or higher on her first roll?

762 - 258 = _____

3 x 8 =

40 ÷ 10 =

In the number 776,846,631,535, the digit 4 is in what place?

_____

$$\begin{array}{r} 449 \\ +\ 279 \\ \hline \end{array}$$

1 lb = 16 oz

15 lb = _____ oz

Write the missing family fact.

61 + 10 = 71
10 + 61 = 71
71 - 10 = 61

_____

Rewrite these in increasing order of length:

43 cm, 929 km, 385 m

Circle the smallest number:

20,571 196,475,038,298
510,923,468 3,641

8 ÷ 4 = _____

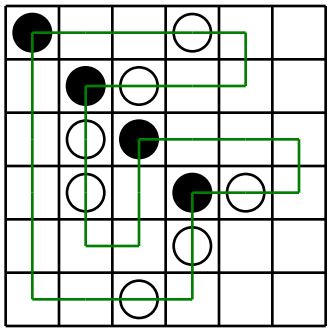
84 ÷ 12 = _____

$$\begin{array}{r} 31 \\ +\ 36 \\ \hline \end{array}$$

2 x 11 = _____

You have four digits to use in an addition problem: 7, 9, 4, and 6. Make up a problem where you have two 2-digit numbers. What is the largest sum you can make?

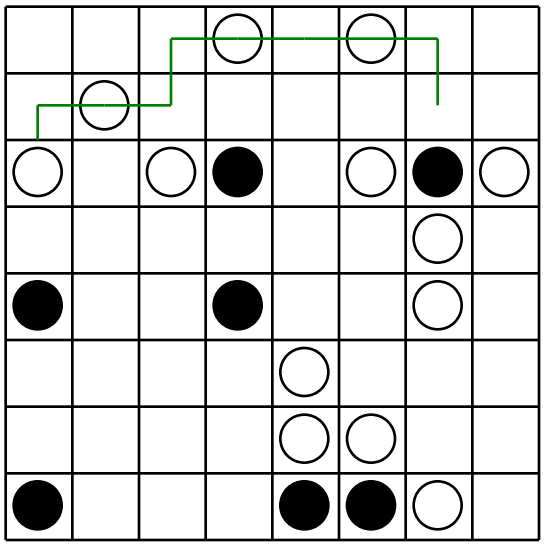
Name: _____



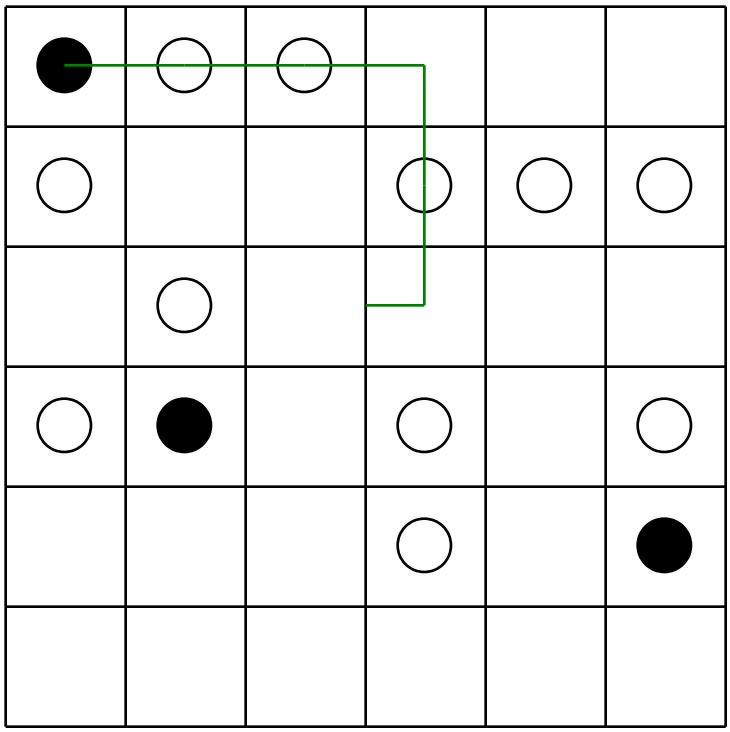
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



8,422 - 5,122 = _____

How many yards are in 24 feet?

_____ yards

What time is 17 hours after 3:00 p.m.?

_____

24 ÷ 8 = _____

Five-sevenths of the children in Smith's class want to go outside. If Smith agrees with the majority, will the class stay inside or go outside?

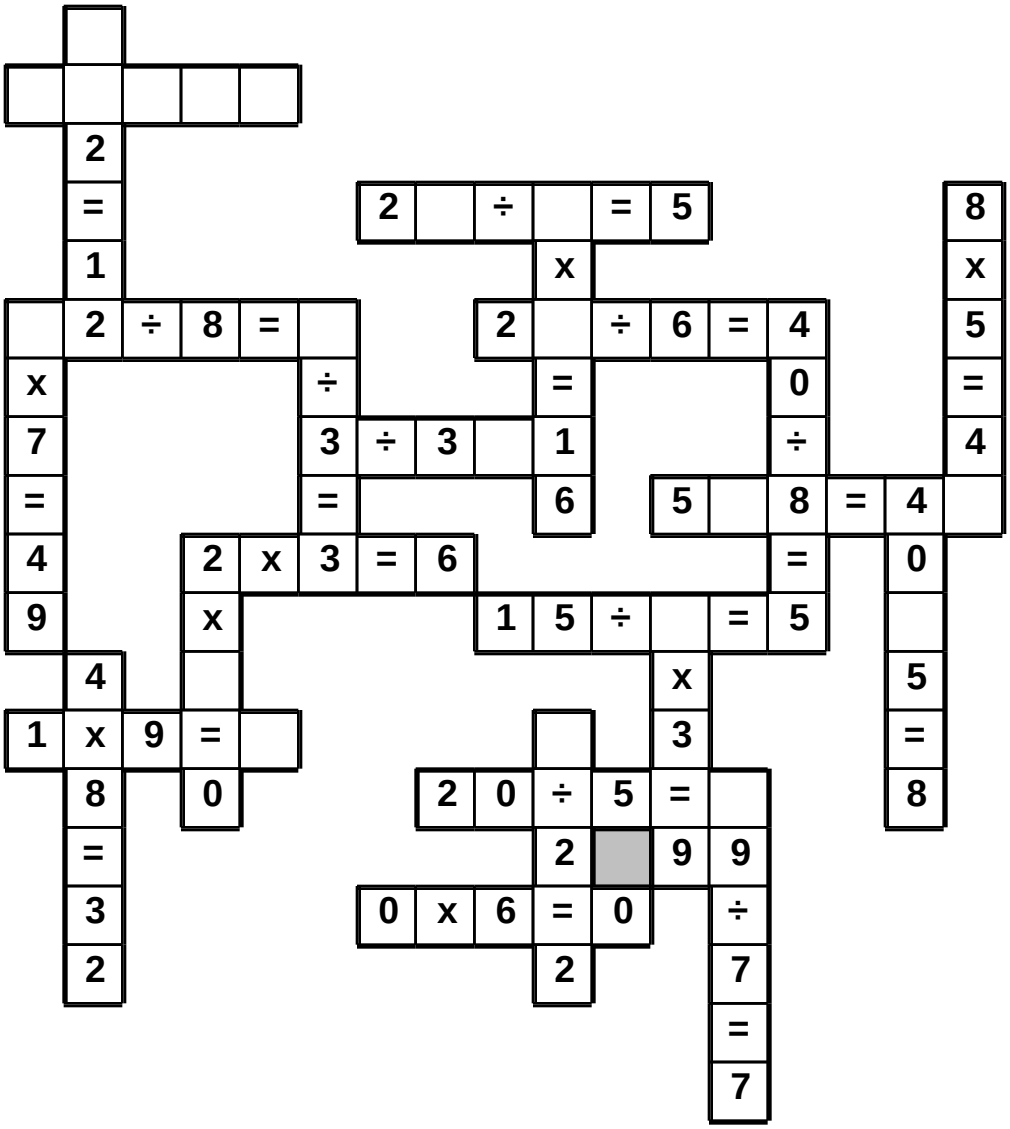
12 ÷ 4 =

word root **act** can mean **drive or do** **actor, action**

Name: _____

6 • 7 • x • 1 • = • 7 • 0 • 4 • 7 • 9 • 4 • = • x • 0 • 3 • ÷ 0 • 9 • 4 • 4

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



April is older than Erin. Erin is younger than Holly. Who's the youngest?

42 ÷ 6 = _____

11 x 7 =

Name: _____

Jennifer, Natalie, Hunter, and Tyler listed how much they weigh on a piece of paper (41 kg, 87 kg, 58 kg, and 68 kg)

Figure out how much each person weighs.
(Hint: The gravity factor is 0.795 on Uranus, 1.125 on Neptune, 0.041 on , 2.34 on Jupiter, 0.38 on Mars, 0.907 on Venus, 0.284 on Mercury, 0.925 on Saturn, and 1 on Earth).

1. Jennifer and Natalie would weigh 78.7 kg altogether on Uranus.
2. Natalie weighs less than 97.9 kg on Neptune.
3. On Mars, Hunter would weigh 42.2 fewer kilograms.
4. Tyler would weigh 3.6 kg on the ninth planet from the sun.

Jennifer weighs _____ kg.

Natalie weighs _____ kg.

Hunter weighs _____ kg.

Tyler weighs _____ kg.

The equation 36 ÷ 12 + 44 = 47 uses three different numbers and two different equations.
Make up your own equation which also has three different numbers and two different equations. The answer to your equation needs to be 68.

Circle the addition property for 59 + 130 = 130 + 59.

associative property

commutative property

691 + 669 = _____

10 x 8 = _____

8 x 11 = _____

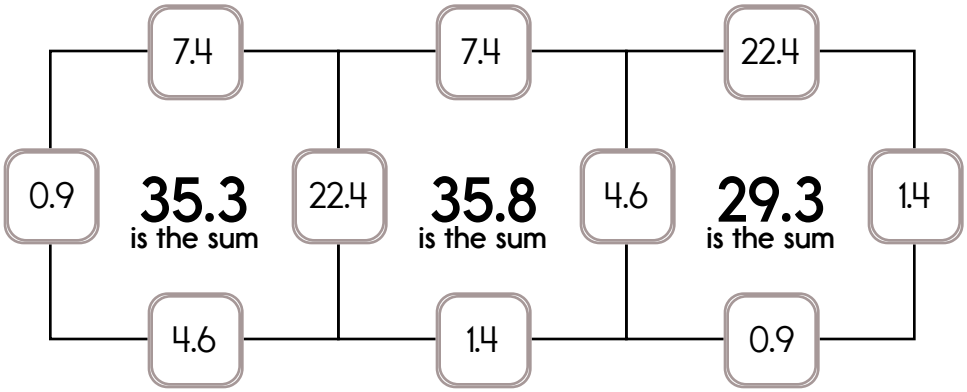
Name: _____

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

Example:
0.9 + 22.4 + 7.4 + 4.6 = 35.3

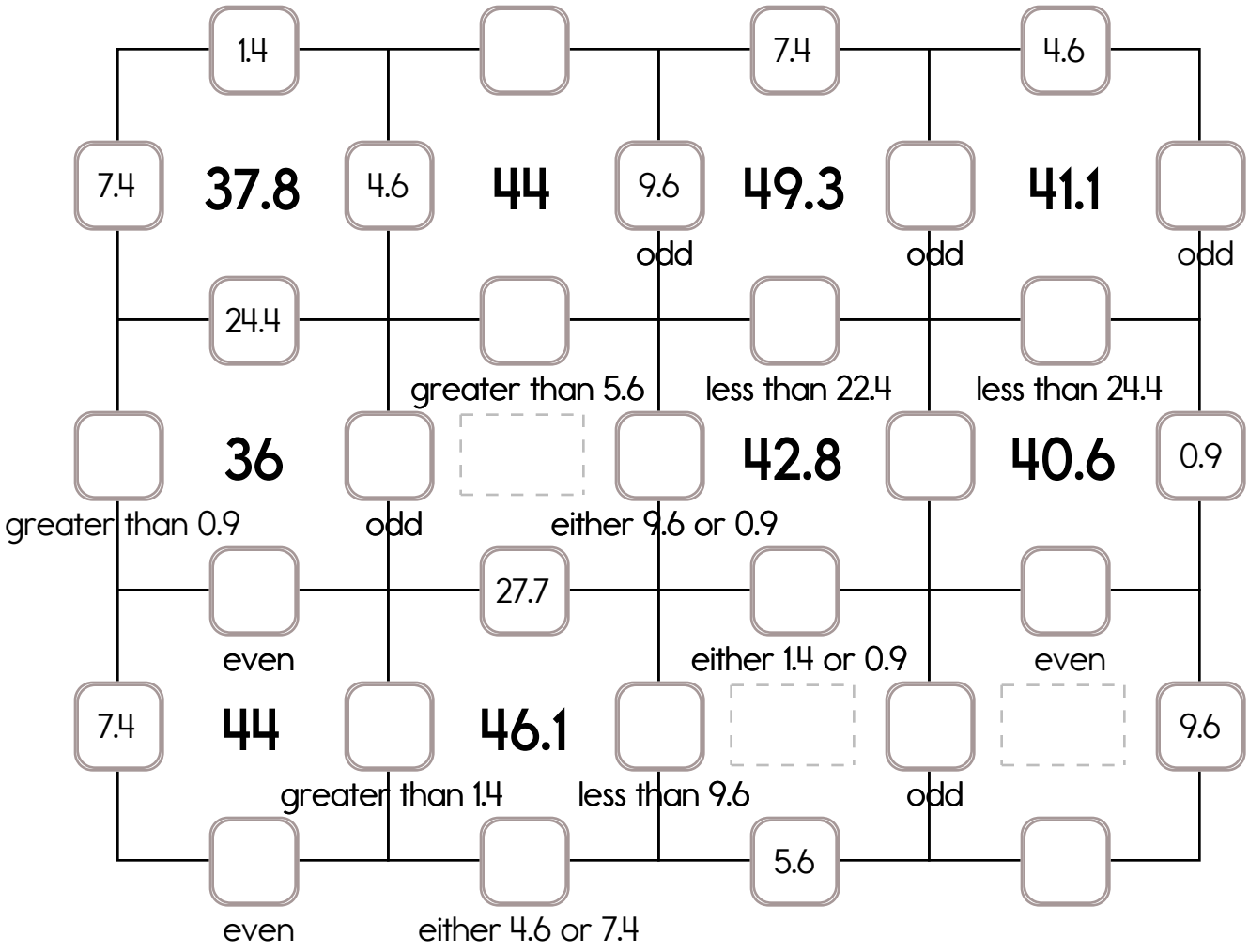
Example:
4.6 + 1.4 + 22.4 + 0.9 = 29.3

Sample:



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

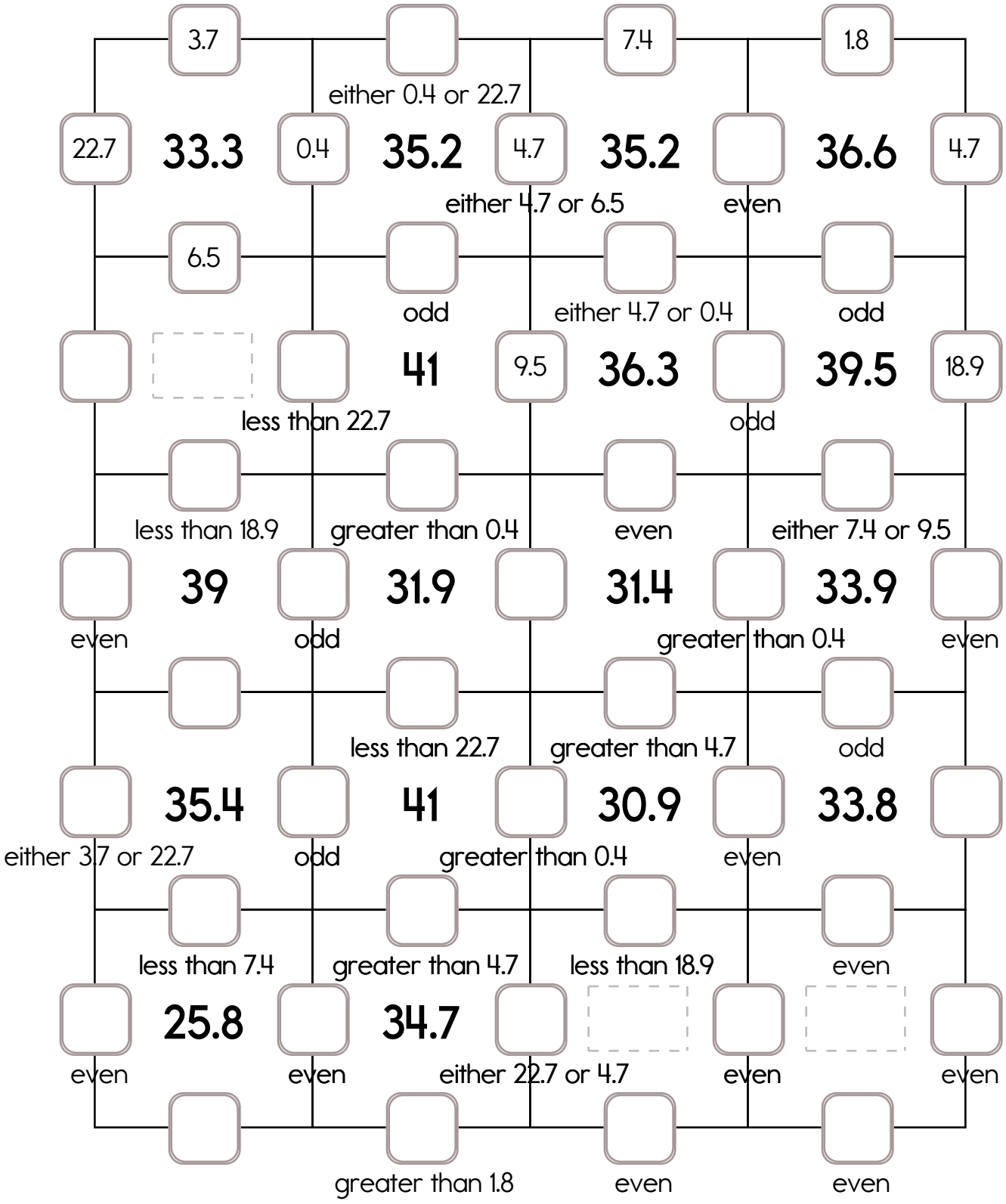
Exactly one of the four numbers has to be one of these numbers: 22.4, 24.4, or 27.7. The other three numbers have to all be DIFFERENT and must be from these: 1.4, 7.4, 9.6, 5.6, 4.6, or 0.9.



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: 22.7, 20.4, or 18.9. The other three numbers have to all be DIFFERENT and must be from these: 9.5, 7.4, 4.7, 1.8, 6.5, 3.7, or 0.4.



Name: _____

Use ALL of these digits, including the decimal point. Cross off a digit after you use it.

5 4 . 9

Write the closest number that you can to 5.2. Remember to use all the digits and the decimal point.

$1\frac{3}{4}$ $1\frac{3}{7}$ $1\frac{1}{2}$ $1\frac{1}{3}$ $2\frac{1}{4}$ $2\frac{5}{7}$ $2\frac{1}{6}$ $2\frac{2}{3}$

Name two of the above numbers that have a sum of 4.

$$\begin{array}{r} 15.6 \\ -\ 8.2 \\ \hline \end{array}$$

$$\begin{array}{r} 13.94 \\ -\ 6.2 \\ \hline \end{array}$$

Find the difference between 17.5 and 10.4.

MathWorksheets.com
Week of May 1

Name: _____

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

How much greater is 176 than 35?	How many tens are in the number 40?	___ ÷ 5 = 12
How many total legs are on 3 tigers and 2 owls?	What number is halfway between 0 and 22?	18 ÷ ___ = 6
The diameter of a circle is 670 cm. What is the radius of this circle?	What is the area of a rectangle with sides 4 cm and 9 cm?	How many centimeters in 750.5 meters?
Adam bought 6 dozen cupcakes for a party. How many cupcakes did he buy?	It's 9:00 a.m. and Jenna is getting ready for soccer practice. If practice starts at 3:45 p.m., then how much longer until soccer starts?	S, 2, S, 2, _____, 2, S, 2, S, 2, S, 2, S

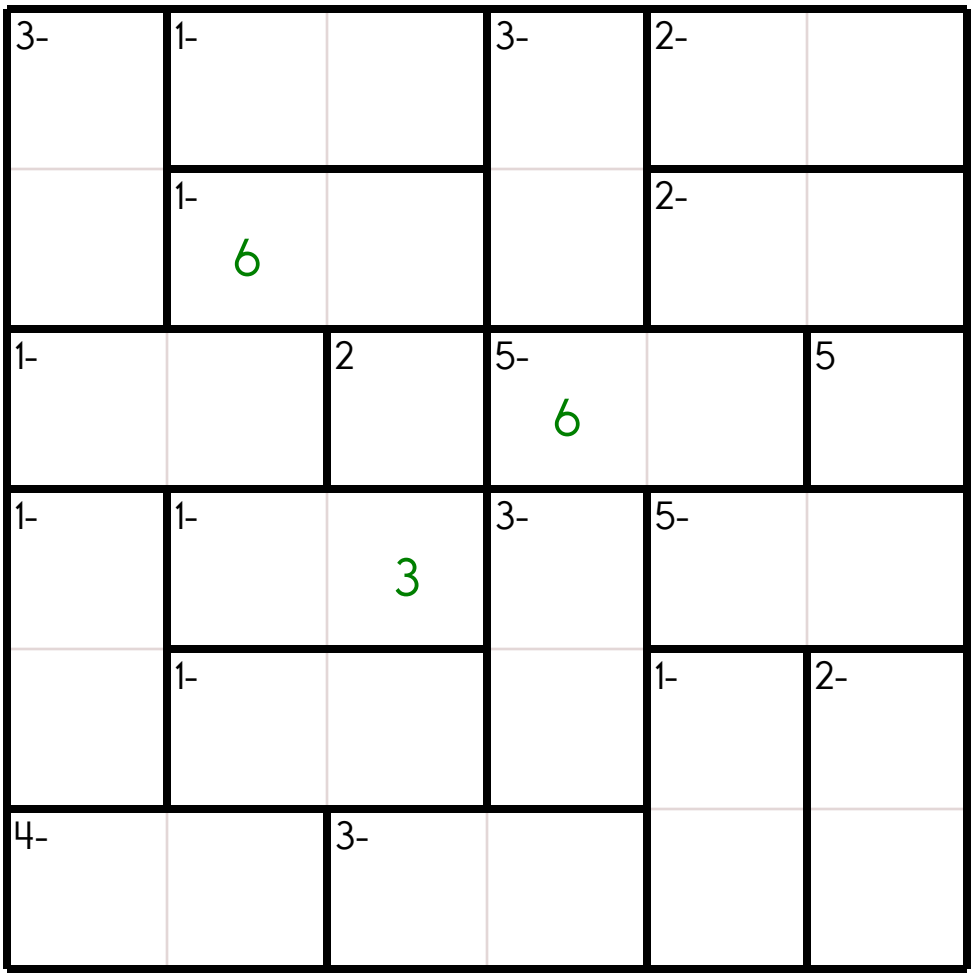
Name: _____

Spin again. **I needed to spin _____ time(s) to finish.**

10 + 3 + 6	Write the number that has exactly 8 ten thousands.	Pam has 36 books. She organized them equally into 4 boxes. How many books in each box?
Circle the better deal. 2 packs of Cool Squishies for $4 (each Cool pack comes with 5 squishies) 3 packs of Wacko Squishies for $4 (each Wacko pack comes with 3 squishies)	Double the number 9 three times.	At 4 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?
How much money is 1 quarter, 1 dime, 1 nickel, and 8 pennies?	It was 7 degrees above zero in the morning. By afternoon the temperature rose 22 degrees. How warm was it?	Round 56,424 to the nearest hundred.
Know how many inches in a foot? Okay, smarty pants, how many inches in 5 feet?	A toy car can go 4 mph. How long would it take to go 14 miles?	$\frac{1}{8}$, (1) , (8) , (64) , (512) , (4,096) , (32,768) , _____, (2,097,152) , (16,777,216)

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 6.
Every row must contain the numbers 1, 2, 3, 4, 5, and 6.
Every column must contain the numbers 1, 2, 3, 4, 5, and 6.
In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.



Fill in the blanks. These equations are from the puzzle above.

____ - 4 = 2

6 - ____ = 1

4 - ____ = 2

____ - 2 = 1

____ - 1 = 3

5 - ____ = 2

6 - ____ = 5

2 - ____ = 1

Name: _____

Find 2 equations hidden in each box. Good luck!

67 + 7

57

31 + 7

43

98

75

62

9 + 63

67

50 + 3

63

5 + 66

6 + 20

53

39 + 4

2 + 63

Write 2 equations: _____ _____

8 - 8

6 - 4

4 - 1

9 - 1

6 - 2

8

7 - 6

1

Write 2 equations: _____ _____

5 x 5

2 x 2

10

9

21

42

2

1 x 5

18

2 x 7

5 x 2

4 x 5

25

49

27

7 x 8

3

Write 2 equations: _____ _____

Name: _____

Complete each pattern. Write what the rule is.

$28\frac{1}{2}$, _____ , _____ , $25\frac{4}{5}$, $25\frac{3}{5}$, $24\frac{7}{20}$, $24\frac{3}{20}$,

$22\frac{9}{10}$, $22\frac{7}{10}$, $21\frac{9}{20}$, $21\frac{1}{4}$, 20, $19\frac{4}{5}$

$21\frac{1}{10}$, $19\frac{17}{20}$, $19\frac{13}{20}$, $18\frac{2}{5}$, _____ , $16\frac{19}{20}$, $16\frac{3}{4}$,

$15\frac{1}{2}$, _____ , _____ , $13\frac{17}{20}$, $12\frac{3}{5}$, $12\frac{2}{5}$

Complete each pattern. Write what the rule is.

195, 176, 158, 141, 125, 110, 96, 83, 71, 60, 50, 41, _____

172, 154, 137, 121, 106, 92, 79, _____, _____, _____, _____, 29

208, _____, _____, 151, 134, 118, 103, 89, 76, 64, 53, 43, _____, 26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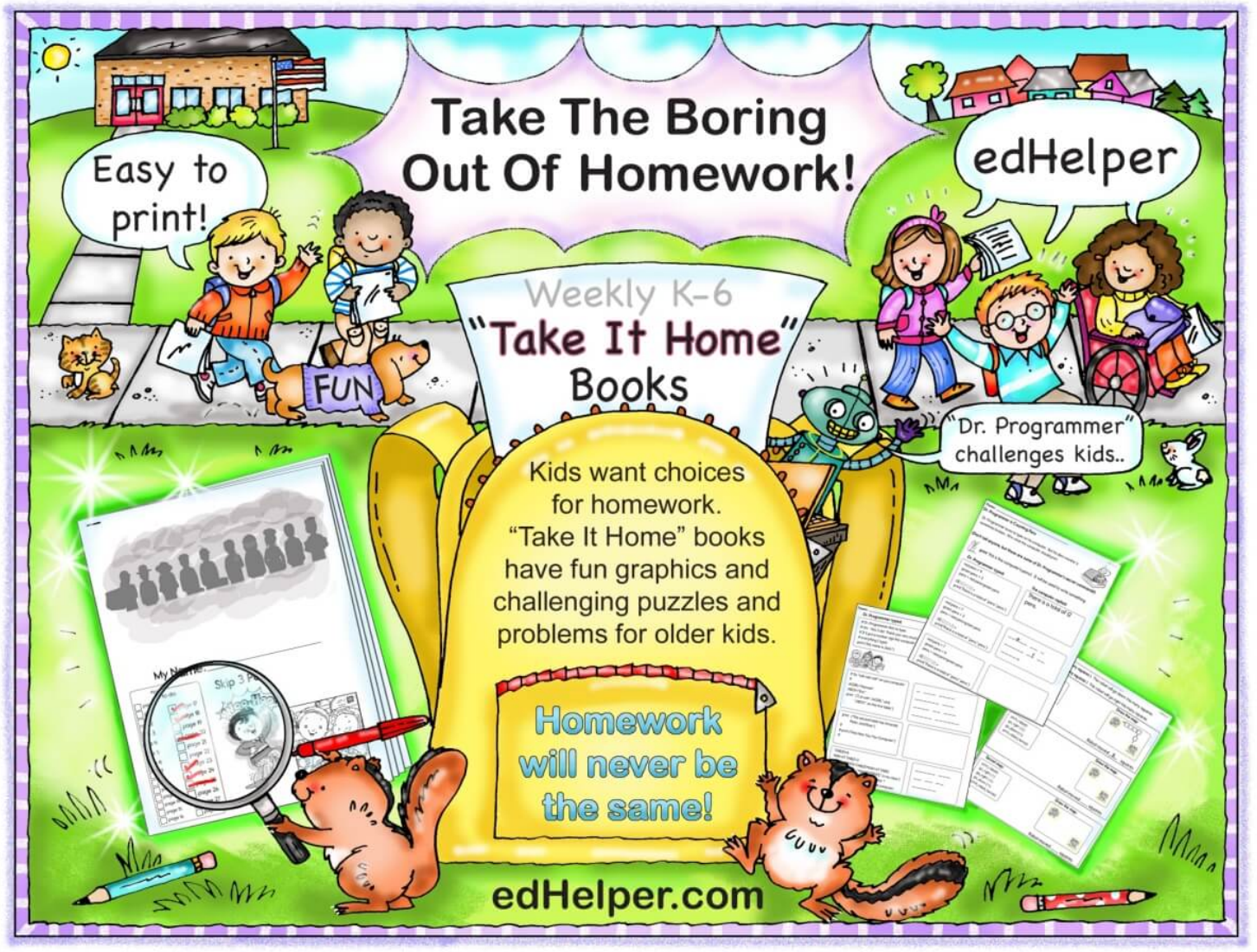
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