Name: _____

There are 5000 watts of continuous power available from the Big Town thermal spring. The Littleville thermal spring has 9 times that much power available. How much continuous power is available at the more powerful spring?

Megan has to add some medicine to her aquarium. Several fish have a fuzzy growth around their mouths. The medicine bottle says to put 0.5 ml for every gallon of water in the tank. She has a 30-gallon tank. How much medicine should she add?

With the help of Mr. Bloop, some middle school students measured the growth rate of a fungus. An old fashioned (but still useful) apparatus called a race tube was used. A small piece of the fungus was placed at one end of a long tube that had a layer of growth medium filling it about half way. Then the distance the fungus grew down the tube was measured each day. At the end of four weeks the fungus had advanced 40 cm along the tube. What was the average speed of advance of the fungus in m/s? Express your answer using scientific notation.

A soil sample from Mr. Bloop's farm was sent to the county agriculture department for analysis. It was found to consist of 23% sand, 25.6% silt, 28.2% clay, 6% gravel and the rest was humus. What percent of the sample was humus?

Holly likes to ice skate better than roller skate. She said she could go faster on ice skates. If it takes her ninety-five seconds to skate around an ice rink that is a third of a mile around, how long would it take her to skate two miles? Round your answer to the nearest minute.

If it is -19°F in Rantoul and it is 70°F in Honolulu, what is the temperature difference between the two cities?

MathWorksheets.com
Week of February 9

Name: _____

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

Round 476 to the nearest hundred.

How many total legs are on 14 owls?

Write the greatest possible 3-digit number using only 2 different numbers.

90 ÷ 9 =

11 + 1 x 3 x 12

Connor earns $25 an hour. He worked 5 hours. How much did he make?

The perimeter of a rectangle is 18 cm. The longer side is 6 cm. How long is the shorter side?

How much money is 1 quarter, 3 dimes, 1 nickel, and 1 penny?

E, J, _____, T, Y

Ava has 90 cookies. She and her 9 friends shared them equally. How many cookies did Ava keep?

Circle the six numbers whose sum equals 39.

6	8	5	12
7	3	3	4
8	5	5	6

Eric bought 4 dozen cupcakes for a party. How many cupcakes did he buy?

Name: _____

Spin again.

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

What is the sum of 10 and 645?

10 x 5 + 7

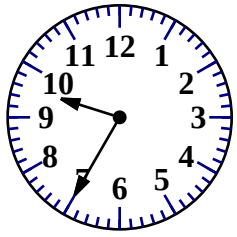
10, 12, _____, 16, 18, 20, 22

Which number is a 4-digit even number?

___ ÷ 7 = 4

Which of the following is the greatest possible 2-digit number with all different digits?

Draw a small clock that shows 25 minutes to 10:00.



Circle the four numbers whose sum equals 51.

7	19	18	11
20	7	18	4
7	20	6	5

4 x ___ = 44 = ___ x 2

4 x ___ = 44 = ___ x 22

8 x ___ = 40 = ___ x 2

5 x ___ = 30 = ___ x 15

6 x ___ = 12 = ___ x 3

Round 52,574 to the nearest hundred.

164, 142, 122, 104, 88, 74, 62, 52, _____, 38, 34

How many meters are there in 45 kilometers?

Name: _____

There are 14 quarts of ice cream on the store shelf. How many gallons of ice cream is this?

If the average marshmallow weighs 0.12 ounces, how much will a bag of 50 marshmallows weigh? Don't forget to include 2.3 ounces for the weight of the bag.

The Limerick Day assembly will begin at 2:30 p.m. Maria has only $1\frac{1}{2}$ hours left to finish her work before the assembly begins. What time is it now?

9 x 6 = _____

Circle the greatest number:

18,275
9,430,659
639,184,039
32,160,748,527

$$\begin{array}{r} 488 \\ +\ 219 \\ \hline \end{array}$$

80 ÷ 8 = _____

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

$$\begin{array}{r} 31 \\ +\ 41 \\ \hline \end{array}$$

What time is 14 hours after 2:00 p.m.?

_____

7 x 5 =

23 cm = _____ mm

Name: _____

Some vowels are missing in the word search.
Fill in the missing vowels and circle the words.

	N	V		L			B	L	
	N	D		R		N	C		Q
T		C	H	N		L		G	Y
P		R	T			L	A	P	C
V	F		R	M		R	E	R	R
C		N	S	T		N	T	E	
	L		Q			N	T	H	D
E	B	G		W	F		L	E	L
N	B		T	R		Y	L	A	
O	S	C		N		R	Y	T	E

ENDURANCE • AWFUL
TECHNOLOGY • ELOQUENT
CONSTANT • INVALUABLE • PREHEAT
SCENERY • FORMER • PARTIAL
CRADLE • BETRAY

1 kg = 1,000 g

24 kg = _____ g

$$\begin{array}{r} 504 \\ -\ 331 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ -\ 11 \\ \hline \end{array}$$

You are given four cards. One card has the number 1 on it, another card has a 2, another card has a 3, and the last card has the number 4 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?

Anna likes to change numbers into a secret letter form. Anna changed the number 5,479 to AAAA. Anna changed the number 585,547 to AAAAAA. Anna changed the number 98 to AA. Anna changed the number 39,429 to AAAAA. How do you think she would change the number 361?

_____

word root **dure** can mean **lasting or harden** **endure**

Name: _____

Can 794 be evenly divided by 10? Circle:
794 is evenly divisible by 10
794 is NOT evenly divisible by 10

How many feet are in 7 yards?

_____ feet

24 ÷ 3 =

40 ÷ 10 = _____

8 x 10 = _____

81,695 + 62,298 = _____

5 x 12 = _____

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

eight hundred fifteen thousand five hundred ninety-four

_____

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 2, 4, and 1. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.

What number is halfway between 11 and 19?

11 x 8 = _____

24 ÷ 4 = _____

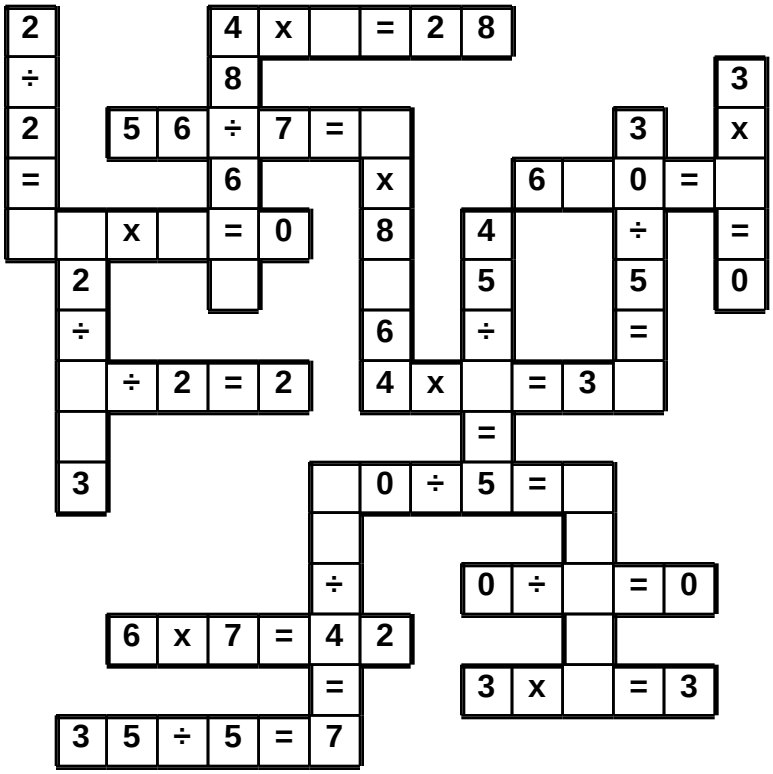
3 x 11 =

What is the largest possible sum of two two-digit numbers? Show the two numbers.

Name: _____

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

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



669 - 515 = _____

21 ÷ 7 = _____

Can 217 be evenly divided by 7? Circle:
217 is evenly divisible by 7
217 is NOT evenly divisible by 7

Maria rolls a die. What is the chance of her rolling a 6?

_____

18 ÷ 2 = _____

Write 4,436,281 in words.

_____

Name: _____

35% of 80 =

$\frac{35}{100}$ x 80 = 0.35 x 80 =

$$\begin{array}{r} 0.35 \\ \times \quad 80 \\ \hline \end{array}$$

80% of 25 =

$\frac{80}{100}$ x 25 = 0.80 x 25 =

$$\begin{array}{r} 0.80 \\ \times \quad 25 \\ \hline \end{array}$$

85% of 280 =

$\frac{85}{100}$ x 280 = 0.85 x 280 =

$$\begin{array}{r} 0.85 \\ \times \quad 280 \\ \hline \end{array}$$

22% of 50 =

$\frac{22}{100}$ x 50 = 0.22 x 50 =

$$\begin{array}{r} 0.22 \\ \times \quad 50 \\ \hline \end{array}$$

15% of 120 =

70% of 670 =

Name: _____

Write as a decimal.
Nineteen thousandths

Use >, <, or = to complete.

22.43 __ 22.6

27.71 __ 27.3

119.1 __ 121

18.2 __ 18.20

497 __ 499.1

149.97 __ 148

170 __ 168.8

Write as a decimal.

$\frac{8}{100}$

Write as a decimal.
Thirteen and three hundredths

$$6 - 5\frac{8}{10}$$

Reduce each fraction to its lowest terms.

$\frac{10}{15}$ =

$\frac{18}{45}$ =

$\frac{5}{15}$ =

$\frac{28}{49}$ =

$\frac{9}{45}$ =

$\frac{112}{126}$ =

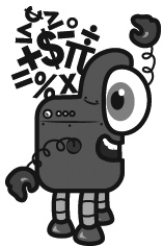
Reduce $\frac{10}{28}$ to its lowest terms.

Write the decimal in words.
45.8

Write the decimal in words.
0.0012

Name: _____

Mental Math — #1 —



Start with the number 897. **897**

Add three-fourths of a dozen. _____

5 9 0 6 7 6 1 6 8 7 (Circle your answer to double check you are correct.)

Round that number to the nearest ten. _____

1 8 4 9 3 5 9 1 0 9

Divide that number in half. _____

4 5 5 5 6 5 2 8 5 7

Add the digits in your number. The sum of that is your new number. _____

8 0 2 8 4 2 7 1 4 4

Triple that number. _____

9 4 7 5 3 4 2 1 6 3

Subtract 12. _____

2 3 8 3 0 8 5 4 6 2

Add the digits in your number. The sum of that is your new number. _____

5 5 9 0 3 6 3 6 1 3

Add the number of nickels in a dollar. _____

7 1 2 3 9 2 8 5 4 6

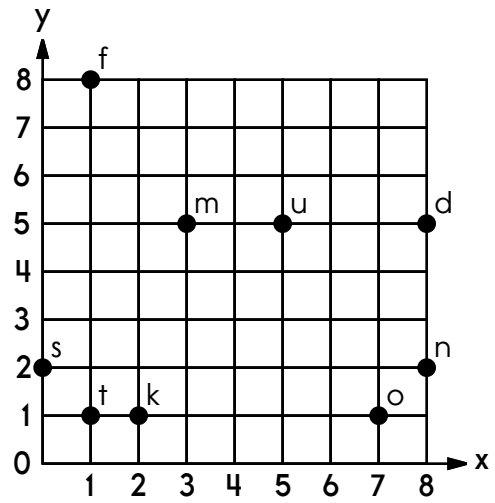
Increase that number by 13. _____

7 3 6 7 6 7 4 6 2 0

Add half of 38. _____

3 8 5 5 2 3 6 2 4 4

Name: _____

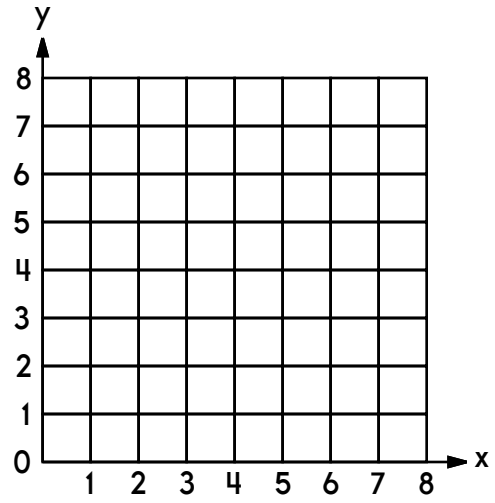


s (0, 2) _____ m _____

n _____ f _____

t _____ d _____

u _____ o _____



Plot u at (1, 3).

Plot d at (3, 7).

Plot n at (3, 2).

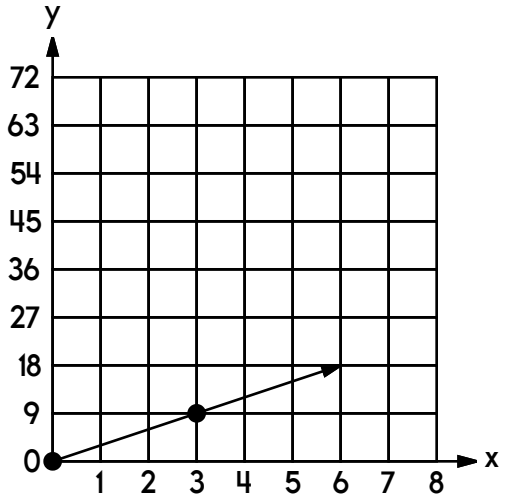
Plot o at (0, 6).

Plot r at (2, 6).

Plot k at (1, 1).

Plot f at (2, 1).

Plot t at (8, 2).



The equation y = 3x is drawn.

What is the value of y if x is 1? _____

What is the value of y if x is 2? _____

What is the value of y if x is 1.5? _____

Name: _____

Write the absolute value.

|5| |-2| |-4|

|-24| |20| |13|

|-226| |-543| |135|

Complete each inequality using >, =, or <.

|-98| ◯ |80| |-65| ◯ |-49|

|711| ◯ 545 |-265| ◯ |-378|

|-739| ◯ |-422| 23 ◯ |-23|

-951 ◯ -889 |328| ◯ |660|

|-540| ◯ -276 |-715| ◯ |-900|

x = |-43|

y = |-51|

x ◯ y 4x ◯ 3y

x + 2 = _____

It was six degrees Celsius in the morning, but by evening the temperature dropped eleven degrees. What was the temperature in the evening?

Write the smallest number.

574, -855, |532|, 7, |648|, 439, |1|, 795, |687|, 3, 6, |-8|, 973, |9|

Write the largest number.

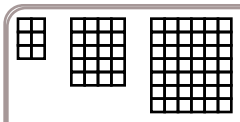
|-534|, 7, |-3|, |421|, |-2|, -8, |163|, 9, |-384|, -898, |-5|, |-6|, |-325|, -900

Write the largest number.

|-7|, -726, |5|, 847, |-522|, 574, -2, |977|, 0, |-326|, -4, |6|, 264, 651

Name: _____

Mary rode her bike to Amanda's house. Leaving her driveway, she turned right and rode about 1.3 kilometers where she turned left. Amanda's house was the fifth house on the left side of the road. It's getting late, and Mary needs to go home, but she has brain freeze. Write directions on how she should ride her bike home from Amanda's house.



How many boxes across and how many boxes down do you think the next shape in the pattern would be. Explain why.

At Peter's party, he is giving away the grand prize. He asked everyone (there are 1 people playing) to write a number from 1 to 4 on a piece of paper. He then said the first person to run to him and hand him the number 2 will win.

What is the probability that no one won?

What is the probability that more than one person will run towards him?

17	20	23	26	29	32	35
38	41	44	47	50	53	56
59	62	65	68	71	74	77

A pattern is represented in the boxes. The number 20 is in row 1, column 2.
a. What number is in row 3, column 5?

b. If the pattern continues, what number would be in row 4, column 1?

c. If the pattern continues, what number would be in row 6, column 3?

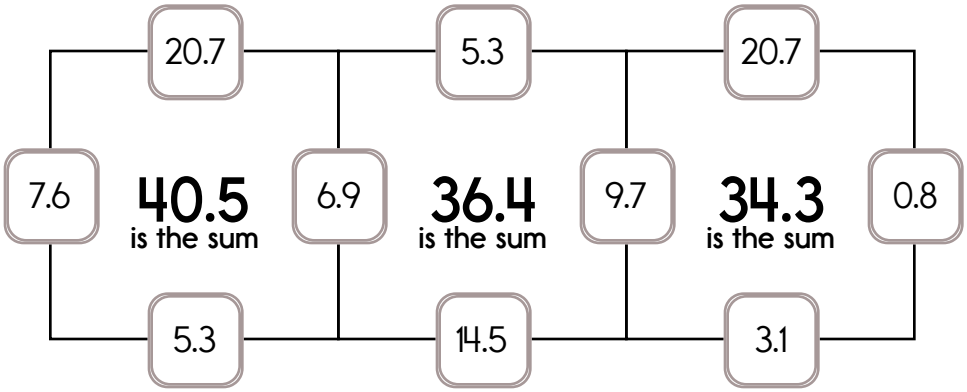
Name: _____

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

Example:
7.6 + 6.9 + 20.7 + 5.3 = 40.5

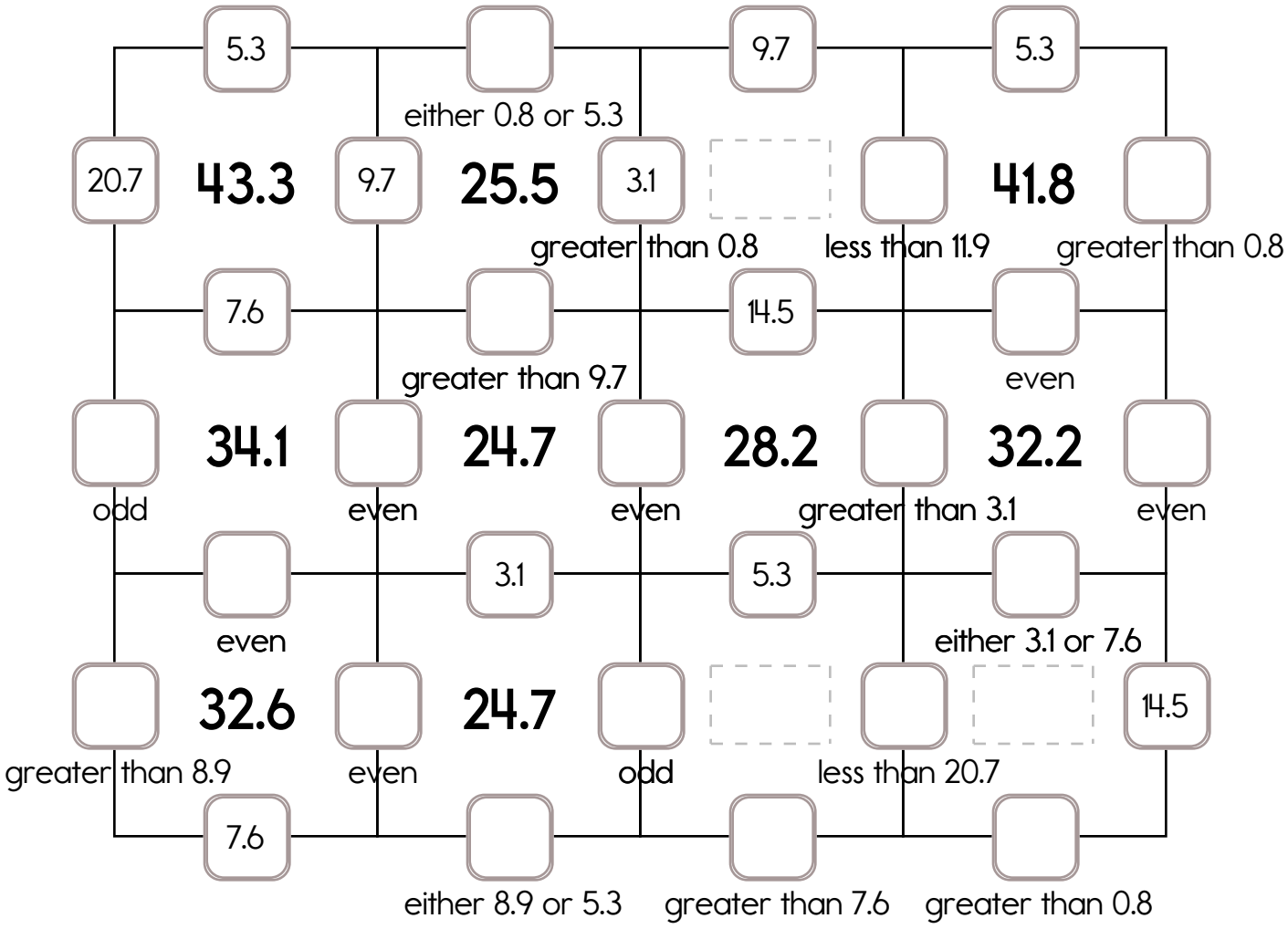
Example:
9.7 + 0.8 + 20.7 + 3.1 = 34.3

Sample:



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

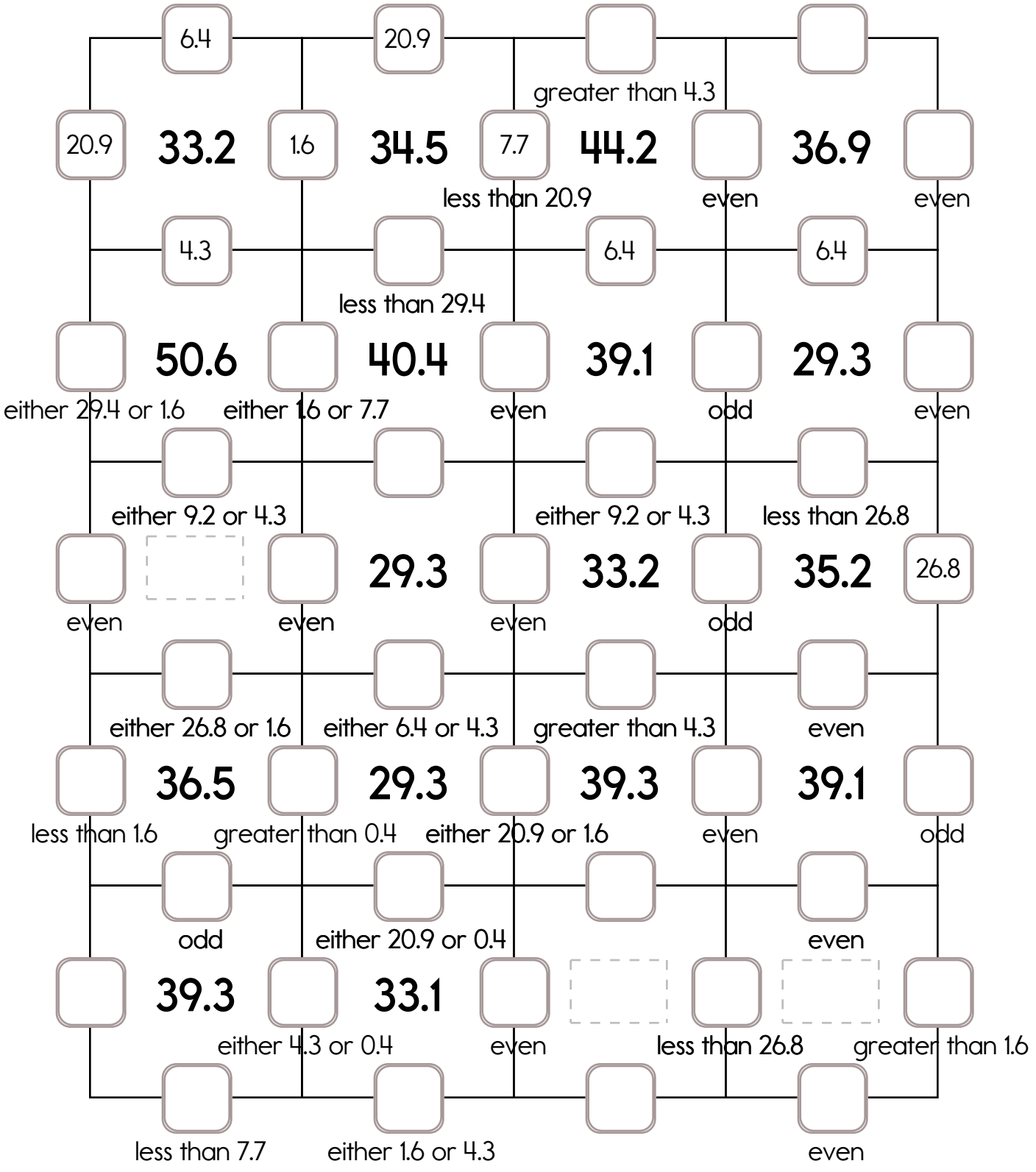
Exactly one of the four numbers has to be one of these numbers: 14.5, 20.7, or 11.9. The other three numbers have to all be DIFFERENT and must be from these: 9.7, 3.1, 0.8, 5.3, 6.9, 7.6, or 8.9.



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: 20.9, 29.4, or 26.8. The other three numbers have to all be DIFFERENT and must be from these: 0.4, 1.6, 4.3, 6.4, 9.2, or 7.7.



Name: _____

Complete each pattern. Write what the rule is. HINT: The first three numbers in each pattern are random numbers.

11.5, 25.5, 3.3, 40.3, 69.1, 112.7, 222.1,

403.9, 738.7, 1364.7, 2507.3, 4610.7, _____, _____

9.2, 21.7, 10.8, 41.7, 74.2, 126.7, 242.6,

443.5, 812.8, 1498.9, 2755.2, _____, _____, _____

Complete each pattern. Write what the rule is.

103.5	92	80.5
69	57.5	
34.5		11.5

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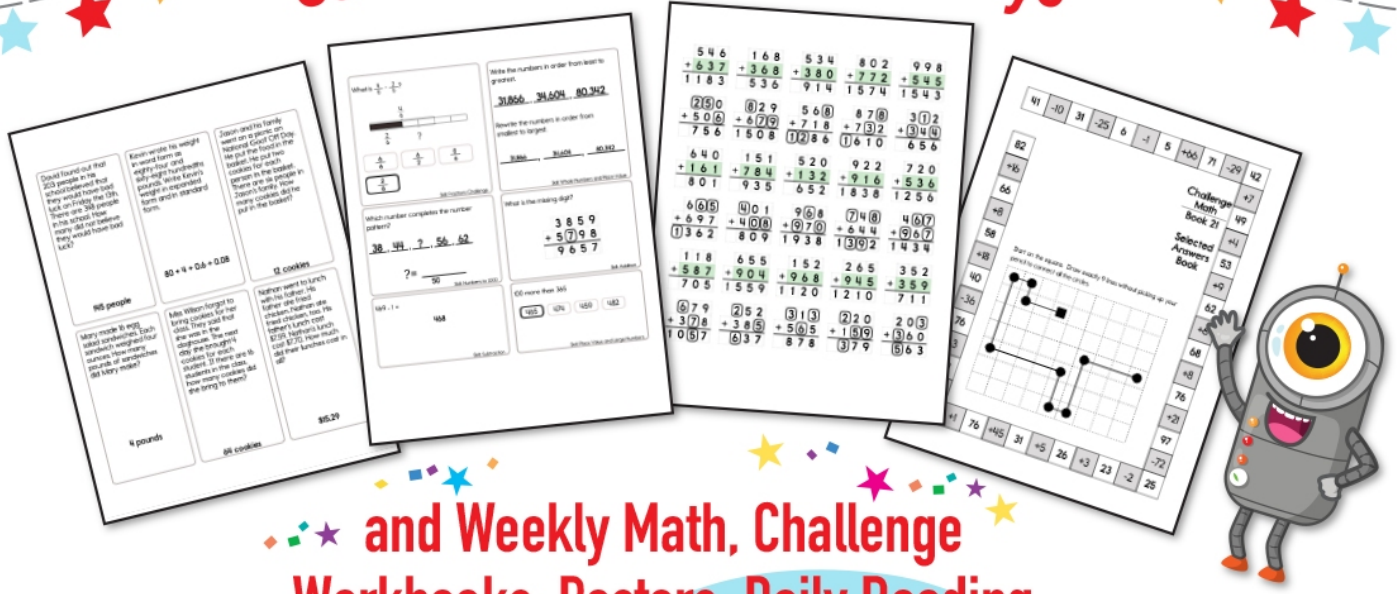

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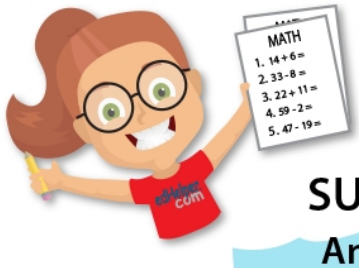

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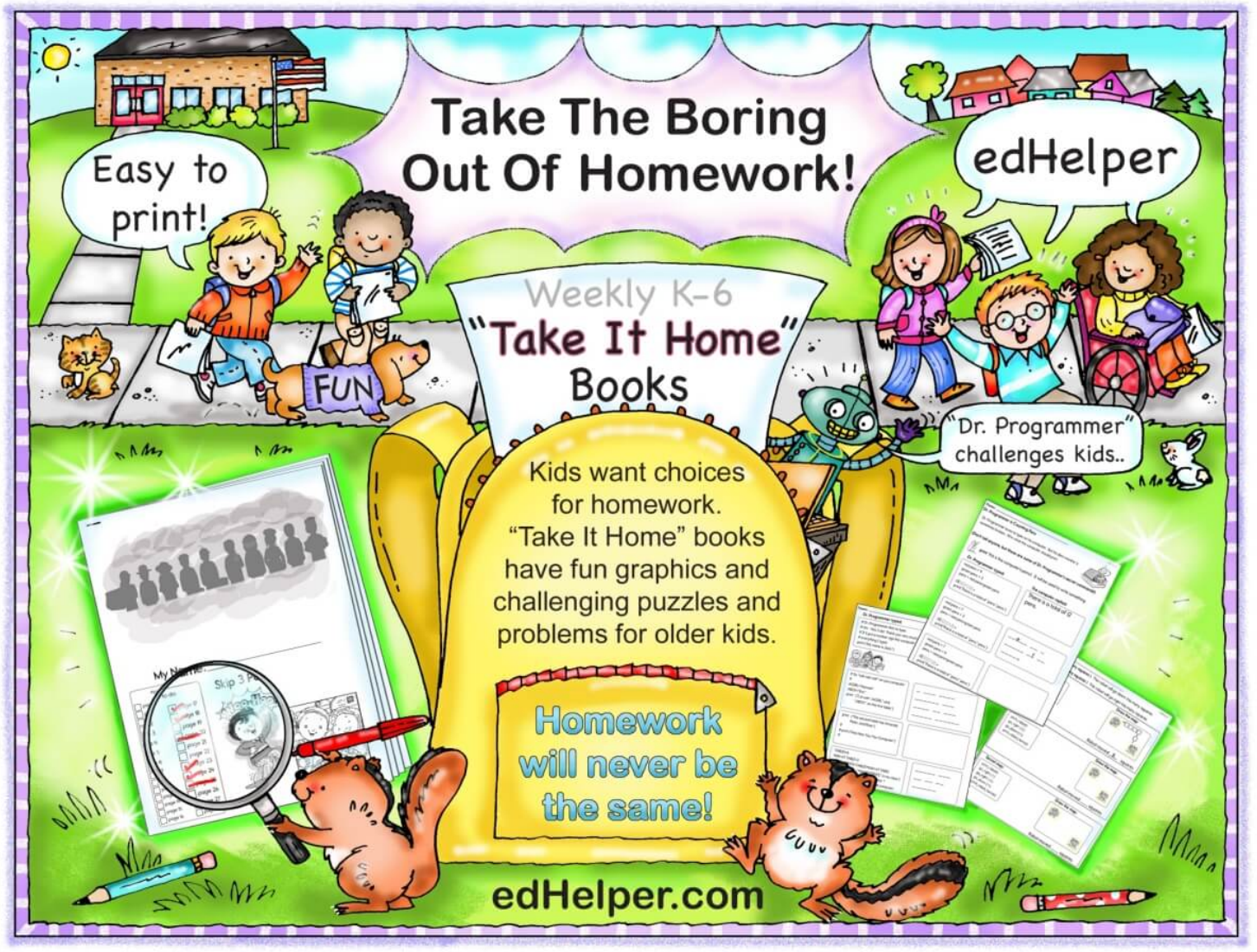
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