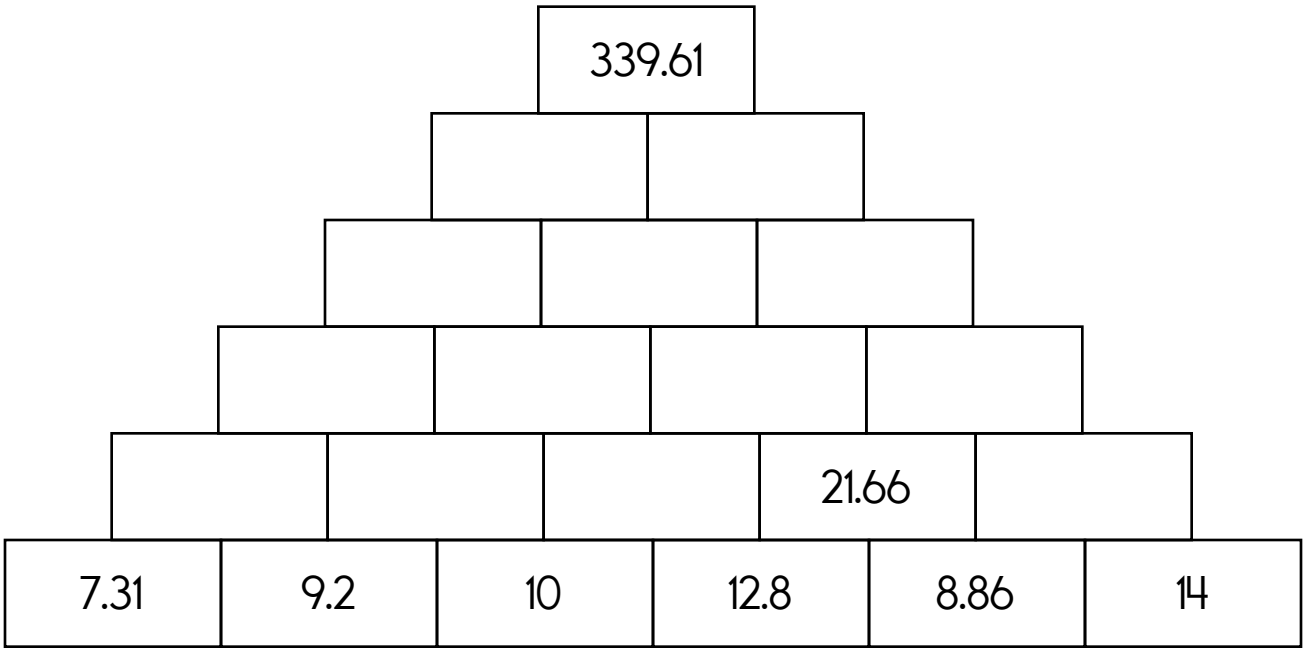
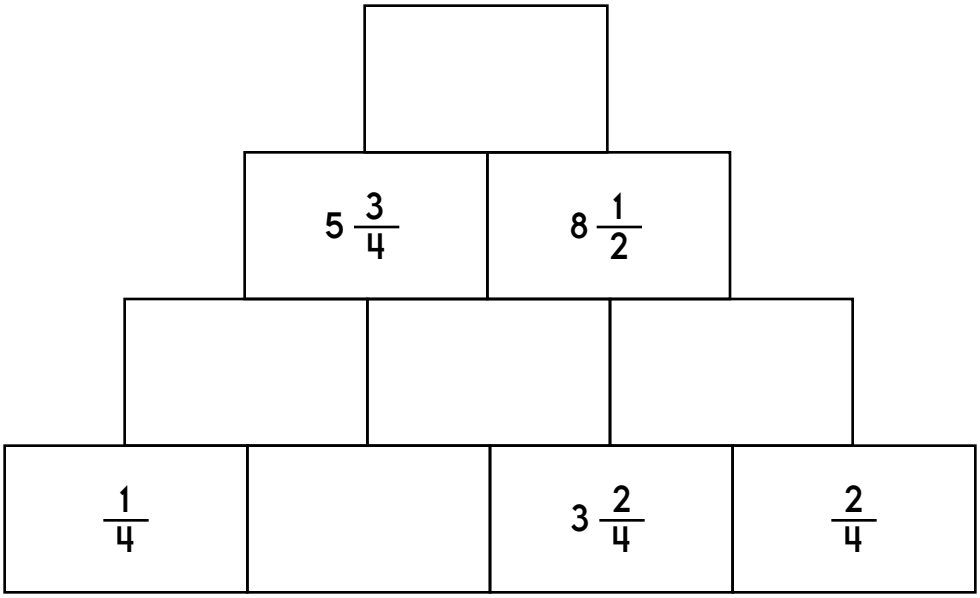
Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.





12 x 84 ÷ 12

How many centimeters in 620.3 meters?

A, _____, G, J, M, P, S, V, Y

word root **derm** can mean **skin** **pachyderm, epidermis**

Name: _____

Nathan made some very strange pancakes. He put blue food coloring in the batter and made blue pancakes shaped like pentagons. The sides of the pancakes were 7.1 cm each. What is the perimeter of one pancake?

There are 7,843 eggs to be packed into cartons. What number is in the hundreds place?

Maria is making a scrapbook for her grandmother. Maria has 147 pictures. She can put 8 pictures on each page. How many pages will she need for the pictures?

$24 \div 4 =$

In the equation 39 x 407 = 15,873, which number is the product?

You need to add what to 65 to get 71?

In 2005, Hailu Negussie of Ethiopia won the Men's Open with a time of 2:11:45. Catherine Ndereba of Kenya won the Women's Open with a time of 2:25:13. How much faster was Negussie's time?

Rose wants to make carrot cake. Her recipe calls for 1 $\frac{3}{4}$ cup of grated carrots. She has grated $\frac{1}{2}$ cup. How much more carrot does she have to grate?

Sometimes geeks make mistakes, too. Anne was the first one to memorize the multiplication facts from 0 to 10. She bragged about it. Then on a test, she missed one! She missed 9 x 9 = _____. What is the correct answer?

Name: _____

On Random Acts of Kindness Day, Rosa built a birdhouse for her neighbor. The back of the birdhouse was made of two pieces of wood, a rectangular piece that is 8 inches wide and 10 inches long, and a triangular piece that is 8 inches wide and 4 inches high. What is the total area of the back of the birdhouse?

In a random sample of 8th grade students, 56 said that pi is equal to 22/7, 38 said pi is equal to 3.14, and 11 said that pi is equal to 3.1416. Five said that they had no idea. What is the relative frequency of students that did not know the value of pi?

10, 12, 14, 16, _____, 20, 22, 24, 26

12 x 4 + 7 + 10

6 x (12 + 4) + 8

Nathan opened a savings account with the $100 he received for his birthday. He made two deposits of $30.36 and $36.40 this month. He made two withdrawals of $19.64 and $21.45 this month. How much did he have at the end of the month?

Hunter spent 466 hours in the jungle looking for exotic reptiles. How many weeks and days was he in the jungle?

Amanda is looking for a good outside game to play at her birthday party. She bought a book of backyard games from the bookstore near her house. The price of the book was $7.85. If she paid for it with a $10-dollar bill, how much change did she get?

Circle the correctly spelled words.
I love your (lase/lace) (blouse/blowse)!

How many inches are in 8 feet?

_____ inches

Name: _____

Justin works at Mountain Springs Dairy Bar. He makes milkshakes and ice cream cones. One day he made 12 milkshakes. One-fourth of the milkshakes he made were chocolate. How many chocolate milkshakes did he make?

Amy walked to the store in 15.6 minutes. She bought Band-Aids for $0.55, gauze for $1.29, and suntan lotion for $2.89. She gave the clerk a $10 bill. She left the store at 3:45 a.m. It took her 18.6 minutes to walk home. How much longer did it take her to walk home than it took to walk to the store?

Mr. Taylor built a rectangle-shaped deck in the back of his house. He worked on it for an hour each day during National Time Management Month. By the end of the month, he had finished the $6\frac{1}{2}$ feet wide and $13\frac{2}{3}$ feet long deck. What is the perimeter of his deck?

$$\begin{array}{r} 45 \\ -\ 17 \\ \hline \end{array}$$

The circus is in town! Tickets are only $4 for kids. Adults need to pay double the price of kids tickets. Amy is bringing five of her friends in her class. Her mom is also coming. Amy wants to pay for everyone. How much will she need to pay?

$$\begin{array}{r} 43 \\ +\ 47 \\ \hline \end{array}$$

$$\begin{array}{r} 284 \\ +\ 398 \\ \hline \end{array}$$

Can 783 be evenly divided by 9? Circle:
783 is evenly divisible by 9
783 is NOT evenly divisible by 9

1 lb = 16 oz

22 lb = _____ oz

Name: _____

40 ÷ 5 =

Maria will win if a random number pulled out of a box is an even number. 23 pieces of paper, numbered 1 to 23, are put inside a box. What is the chance that Maria will win?

Amy has two favorite numbers. If you add her favorite numbers, you get 22. If you multiply her favorite numbers, you get 85. What are her mystery numbers?

_____

```
  267
- 250
-----
```

4 x 10 =

Can 675 be evenly divided by 4? Circle:
675 is NOT evenly divisible by 4
675 is evenly divisible by 4

14 km = _____ m

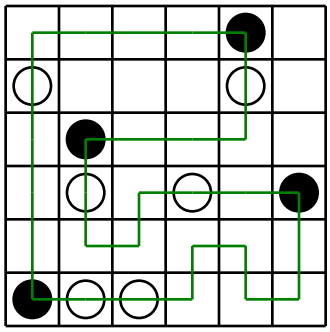
Which is the largest?

81.3 ÷ 7.2 81.3 ÷ 7.3 81.3 ÷ 7.4

Put these adjectives in the correct order.
old, nice, antique

_____

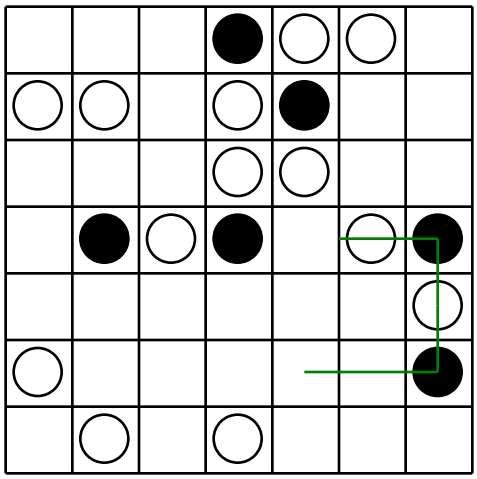
Name: _____



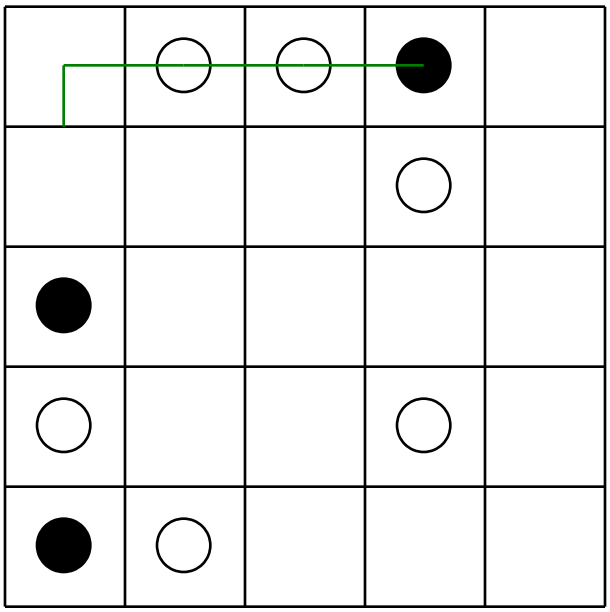
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



Can 250 be evenly divided by 5? Circle:
250 is evenly divisible by 5
250 is NOT evenly divisible by 5

Anna wrote down a fraction on a piece of paper. If you take her fraction and multiply it by four you get thirteen. Can you guess what her fraction is?

For 60,301,279,862, write the digit that is in the hundred thousands place.

_____

Circle the digit in the hundredths place.

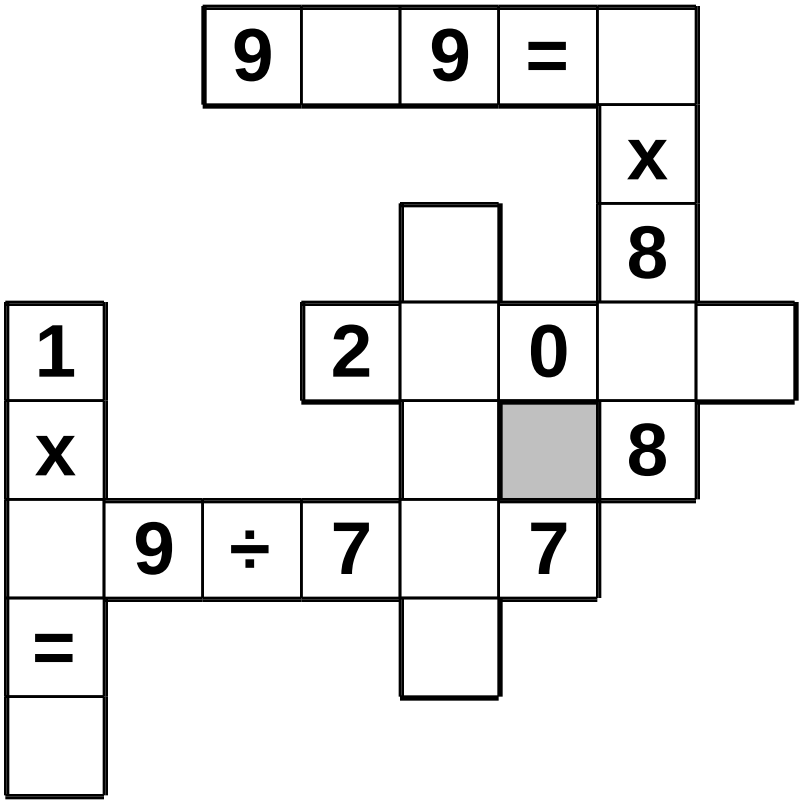
4,122.3995

word root **equi** can mean **fair or equal** **equivocate**

Name: _____

÷ • 1 • 0 • x • = • 0 • 8 • 4 • = • 0 • 4

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



Write the missing family fact.

19 x 10 = 190
190 ÷ 10 = 19
10 x 19 = 190

_____

Mary is getting messy. She has made a 1' x 2' x 1' cube made out of clay blocks. She wants her art project to have at least a surface area of 12 square feet. Does she need to add more clay?

(9 + 7) + 2 =

80 ÷ 10 =

Add the correct end punctuation for this sentence.

I just want winter to be over

Name: _____

4 + 7 + 3 + 2 =

$$\begin{array}{r} 89 \\ +\ 59 \\ \hline \end{array}$$

$$\begin{array}{r} 64{,}579 \\ -\ 48{,}289 \\ \hline \end{array}$$

Subtract 27 from 538.

76 + 64 =

Subtract 181 from 367.

$$\begin{array}{r} 674 \\ \times\ \ \ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times\ 18 \\ \hline \end{array}$$

$$\begin{array}{r} 293 \\ \times\ 58 \\ \hline \end{array}$$

$80\overline{)8727}$

Divide and write remainder.

$73\overline{)9131}$

Divide and write remainder.

$50\overline{)5400}$

Divide and write remainder.

Name: _____

Which number is the smallest? Which number is the largest?

What is the difference between the largest and smallest numbers?

8.647 8.644 8.62 8.63 8.6470

Anna was curious about what day will be her teacher's birthday. Today is Wednesday, and it is the 96th day of school.

"My birthday will be celebrated in 53 school days. There are 5 days each week for school, and I counted 3 holidays when we will not have school. Anyone know on what day of the week will be my birthday?" asked Mrs. Hernandez.

Name: _____

A number is greater than 13 and less than 26. This number has exactly 4 factors.

The sum of its factors is 32.

What is the number?

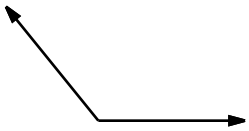
Sally bought a kit to make fidgets. The box says that you can make up to 36 fidgets. Sally tried to make one. It took her 35 seconds to make. How many fidgets can she make in an hour? Assume she takes a 10-second break after making each fidget.

Name: _____

What kind of angle is this?

What kind of angle is this?

Sketch 2 lines $\overleftrightarrow{BC}$ and $\overleftrightarrow{XY}$ that are intersecting.



What kind of angle is this?

Sketch a right angle named ∠FGH.

Sketch an obtuse angle named ∠CDE.

What kind of angle has a measure of between 0° and 90°?

Sketch two parallel lines.

Write the complement of each angle.

12°

18°

28°

38°

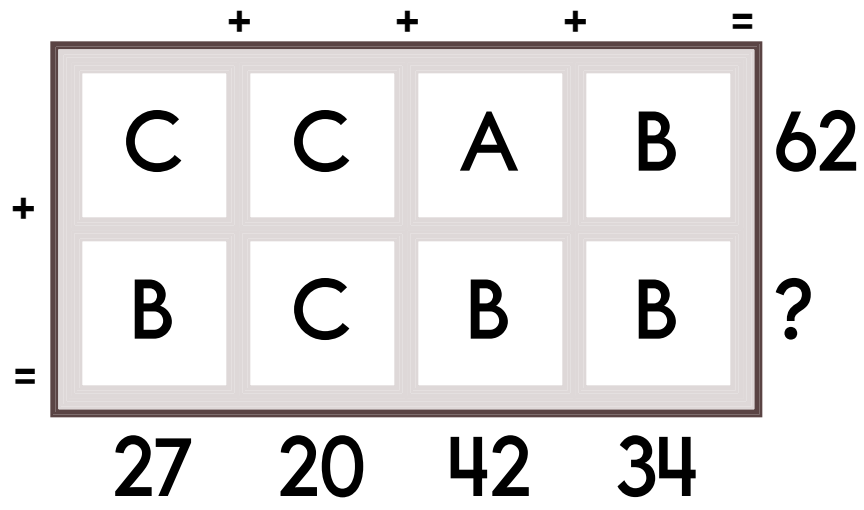
21°

6°

41°

Sketch an angle and label it ∠DEF.

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

C + C = 20 C + C + A + B = __ __ + __ = 34

__ + __ = 27 __ + __ = 42

Additional hints:

C > 7 A = B + 8

Show Work:

Solve:

? = __

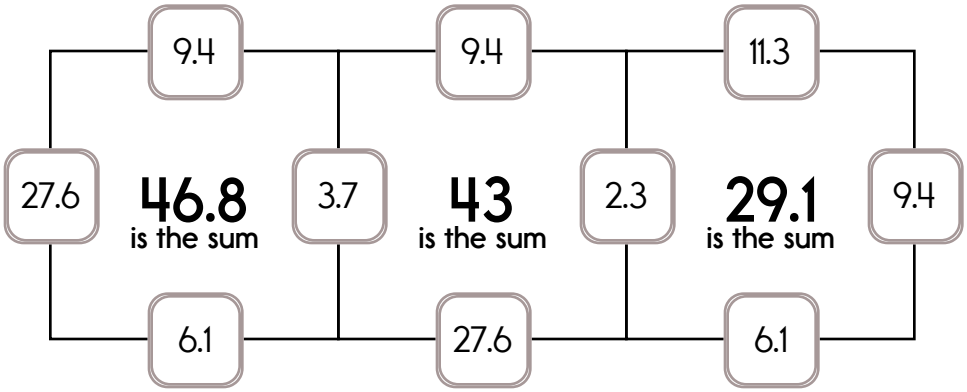
Name: _____

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

Example:
27.6 + 3.7 + 9.4 + 6.1 = 46.8

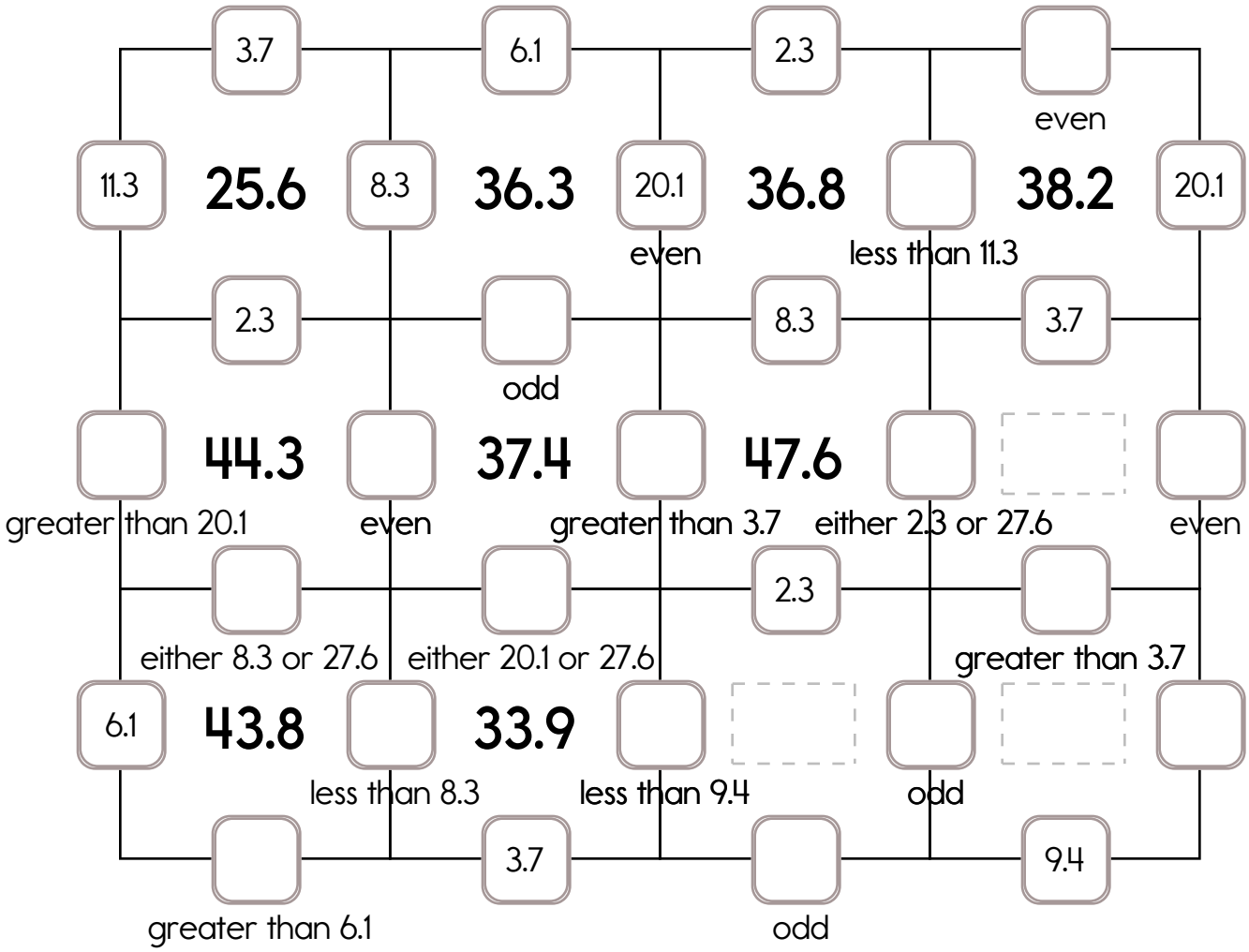
Example:
2.3 + 9.4 + 11.3 + 6.1 = 29.1

Sample:



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

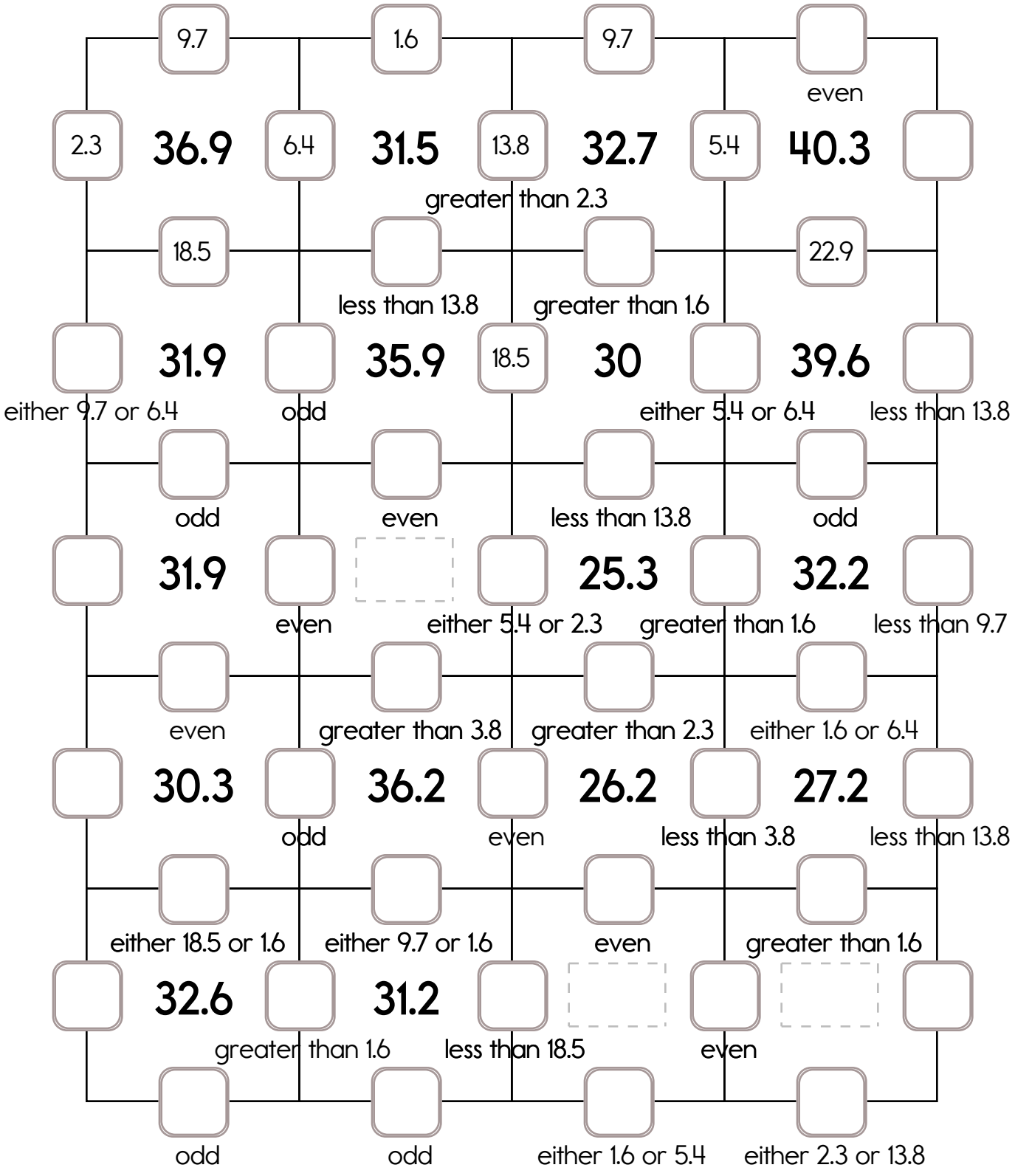
Exactly one of the four numbers has to be one of these numbers: 20.1, 27.6, or 11.3. The other three numbers have to all be DIFFERENT and must be from these: 9.4, 2.3, 3.7, 8.3, 1.8, or 6.1.



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: 13.8, 22.9, or 18.5. The other three numbers have to all be DIFFERENT and must be from these: 1.6, 3.8, 9.7, 6.4, 2.3, or 5.4.



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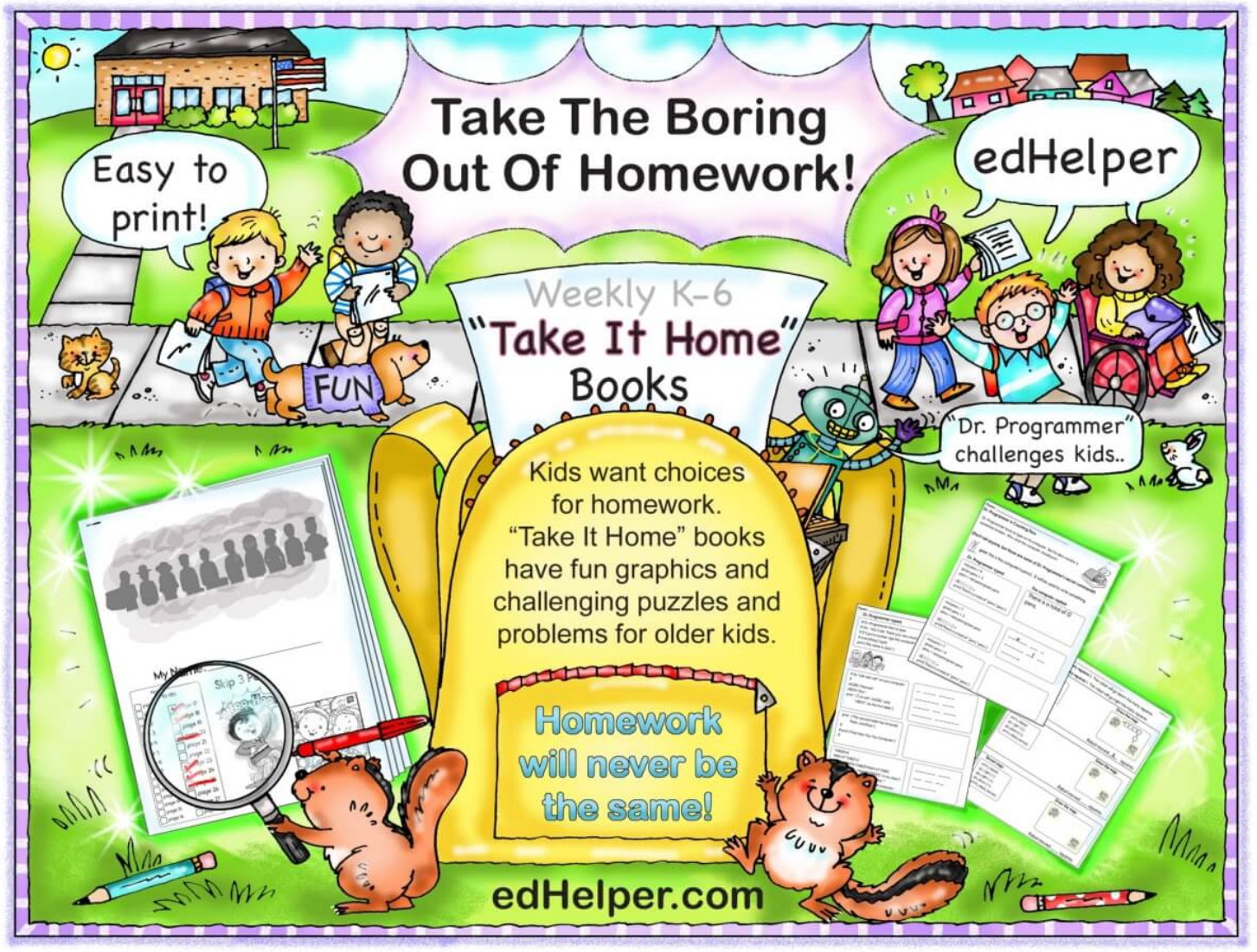
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