

Name: _____

Pay the bill!

Pam received a bill from
Central Water for \$141.98.
Write the check as Pam
would write it.

PAM	1439
	DATE _____
PAY TO THE ORDER OF _____	\$
_____	DOLLARS
MEMO _____	
⑆993741699⑆	⑈43159⑈ 1439

Pay the bill!

Rent is due. Pam needs to
pay her landlord \$1,700.
Her landlord's name is
Amanda Hernandez.

PAM	1440
	DATE _____
PAY TO THE ORDER OF _____	\$
_____	DOLLARS
MEMO _____	
⑆993741699⑆	⑈43159⑈ 1440

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

How many centimeters in
3.7 meters?

178, 160, 143, 127, 112, 98,
85, 73, 62, _____, 43

Write $\frac{4}{20}$ in lowest terms.


41, 46, 51, 56, _____, 66,
71, 76, 81

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

Name: _____


Pay the bill!

David received a bill for his cellphone from Mobile Unlimited for \$46.41. Write the check as David would write it.

DAVID	1142
DATE _____	
PAY TO THE ORDER OF _____	\$
_____ DOLLARS	
MEMO _____	
	

Pay the bill!

David needs money. He wants to get \$140 in cash, so he writes a check payable to cash in this amount. Write this check.

DAVID	1143
DATE _____	
PAY TO THE ORDER OF _____	\$
_____ DOLLARS	
MEMO _____	
	

Sketch 2 lines \overleftrightarrow{KL} and \overleftrightarrow{UV} that are intersecting.

Sketch 2 lines \overleftrightarrow{GH} and \overleftrightarrow{TU} that are parallel.

99 divided by 11 equals

How many meters are there in 59 kilometers?

It was 3 degrees above zero in the morning. By afternoon the temperature rose 21 degrees. How warm was it?

Name: _____

79	+57		-3				-33	
				$+6\frac{2}{5}$			-12	$-9\frac{5}{9}$
	$+\frac{4}{9}$		+16					
$-\frac{3}{5}$							$-\frac{4}{9}$	-4
	$+\frac{1}{5}$	$155\frac{4}{9}$	$+2\frac{3}{12}$		-30			$68\frac{25}{36}$

37	$-\frac{2}{4}$			$6\frac{1}{12}$	-5	$1\frac{1}{12}$	+19	
		$+3\frac{3}{4}$		$-1\frac{1}{3}$				+29
	$-\frac{2}{3}$					$48\frac{53}{60}$	$-\frac{2}{10}$	
-15				-44		+47		
				$51\frac{5}{12}$				
+21				$-\frac{2}{4}$		$+\frac{9}{10}$		
	+6		$+\frac{1}{3}$	$51\frac{11}{12}$		-38	$58\frac{47}{60}$	

Name: _____

<p>The Martinez family drove a total of 570 miles in two days to go to the winterfest. They drove twice as far on Saturday as they did on Friday. How many miles did they drive on Saturday?</p>	<p>Jessica wanted a Levi Strauss & Co. faded blue denim jacket. She found two that she liked. At Kitty's Korner the jacket cost \$50.66. At Elementals, the same jacket cost \$65.30. How much more did the jacket cost at Elementals?</p>	<p>Adam is keeping track of the number of grams of fat he eats. He wants to get in shape to run the 220-yard dash. On Tuesday he ate 9 grams of fat at breakfast, 15 grams of fat at lunch, and 7 grams of fat at dinner. How many milligrams of fat did he eat?</p>
--	--	--

<p>Hannah rolls a die. What is the chance of her rolling a 4?</p> <p>_____</p>	<p>Can 292 be evenly divided by 5? Circle:</p> <p>292 is evenly divisible by 5</p> <p>292 is NOT evenly divisible by 5</p>
<p>7 x 6 =</p>	

<p>Make a decimal number. Start with a zero and a decimal point. Then use these numbers: LINE, 6, 2, 5, 1, and 3. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.</p>	$\begin{array}{r} 48 \\ + 20 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ - 15 \\ \hline \end{array}$

Name: _____

$11 \times 3 =$ _____	Rosa rolls two dice. What is the chance of her rolling a 4 on one die and a 3 on the other die? _____	For 495,483,265,978,807, write the digit that is in the ten thousands place. _____
-----------------------	--	---

How many millimeters are in 2 centimeters? _____ millimeters	$132 \div 11 =$ _____	$\begin{array}{r} 556 \\ - 332 \\ \hline \end{array}$
---	-----------------------	---

$8,745 - 6,696 =$ _____	$618 - 213 =$ _____
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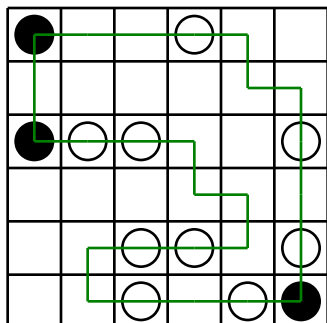
$90 \div 9 =$	The product of two consecutive whole numbers is 132. What are the two consecutive whole numbers?	$1 \text{ kg} = 1,000 \text{ g}$ $21 \text{ kg} =$ _____ g
---------------	--	---

$10 \times 11 =$ _____	25 cm = _____ mm	Circle the digit in the tenths place. 89.634
------------------------	------------------	---

$2 \times 3 =$ _____	Write an equation to represent this: The product of twelve and four is forty-eight. _____	$\begin{array}{r} 429 \\ + 286 \\ \hline \end{array}$
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$6 \times 4 =$	$35 \div 5 =$ _____	$100 \div 10 =$ _____	$12 \times 12 =$ _____
----------------	---------------------	-----------------------	------------------------

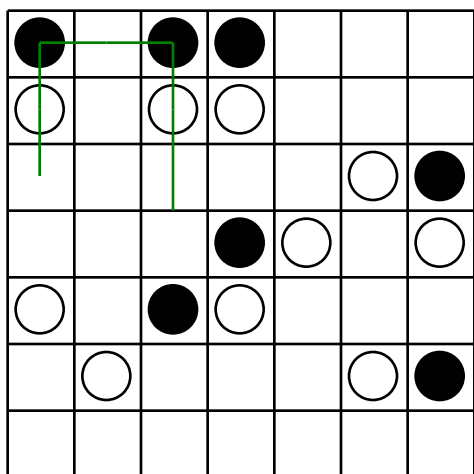
$(3 + 5) + 2 =$



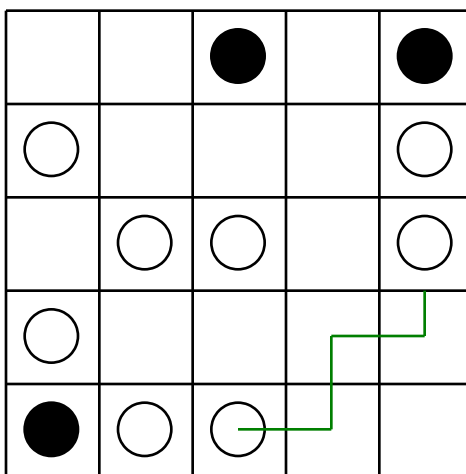
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

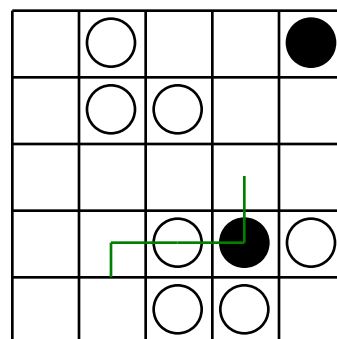
Finish the line:



Finish the line:



Finish the line:



Rosa told Megan that she multiplied two consecutive whole numbers and the answer is 110. Megan doesn't believe that is possible. She thinks Megan must have multiplied wrong. Who is correct?

Can 747 be evenly divided by 10? Circle:

747 is evenly divisible by 10

747 is NOT evenly divisible by 10

$84 \div 12 = \underline{\hspace{2cm}}$

$$\begin{array}{ccccccccccccccccc} 7 & \bullet & 0 & \bullet & 4 & \bullet & 3 & \bullet & 8 & \bullet & 9 & \bullet & 4 & \bullet & 8 & \bullet & = & \bullet & 4 & \bullet & \div & \bullet & 2 & \bullet & 2 & \bullet & 1 & \bullet & 4 & \bullet & \div \\ 6 & \bullet & 6 & \bullet & = & \bullet & 7 \end{array}$$
[illegible]

Name: _____

1 is written with an I.

5 is written with a V.

10 is written with an X.

50 is written with an L.

100 is written with a C.

You cannot have 4 of the same letter consecutively.

4 is written as IV.

9 is written as IX.

40 is written as XL.

So you cannot write 44 like this: XXXXIIII.

But you would write 44 like this: XLIV.

Write the number as a Roman numeral and then find the Roman numeral.

Roman Numerals

I = _____

IV = _____

V = _____

IX = _____

XI = _____

XIV = _____

XV = _____

XIX = _____

XXXII = _____

1 _____
VXXXIXVIII
XIVXVVIIIV

5 _____
VIXVIIIVVII
IVVXIXXLIV

7 _____
VIIIXIIXXXIX
XLVVVIIIIIV

6 VI
XIVVIXLIIXI
IXVIXXVIIX

9 _____
XVIIIXIXIXX
IXXIXXVIIIV

3 _____
XIIIVXIIIIII
XIXIIIIIVIVX

10 _____
IXXXIIXXXIV
IXXIVXIVIX

14 _____
XIIIXIXIVIV
XLVIXIVVVL

34 _____
IXXXIVXIVI
XXXIVXIIIX

17 _____
XVIIIIXIIXI
XVIIIIXIXVII

39 XXXIX
IXXXIXXIVX
XXXVIXXXIX

30 _____
XXXIIIXXXII
XLXIVXXXIII

40 _____
IXXIXLIVVV
XXXIIIXLXVI

21 _____
XXXIXIXXIVI
IXXIXXIIIXV

26 _____
VXXVIXXVIX
XXVIXXIIIXI

57 _____
XLVIIIVIXVI
LVIIIVXVXXX

Name: _____

Pay the bill!

Sarah received a bill for her cellphone from Mobile Unlimited for \$63.87. Write the check as Sarah would write it.

SARAH

1010

DATE _____

PAY TO THE
ORDER OF

\$

DOLLARS

MEMO _____

⑆994 1948 24⑆

⑈4880 1⑈

1010

Pay the bill!

Sarah needs money. She wants to get \$120 in cash, so she writes a check payable to cash in this amount. Write this check.

SARAH

1011

DATE _____

PAY TO THE
ORDER OF

\$

DOLLARS

MEMO _____

⑆994 1948 24⑆

⑈4880 1⑈

1011

$$4 \times (50 \div 5) - 54 \div 6 =$$

Circle the greatest amount:

24%

0.31

$\frac{3}{25}$

$$(4 + 14 + 6 + 5) =$$

$$9 \times 39 \div 3 - 55 \div 11 =$$

If $j = 7$ and $p = -27$ then what is the value of f ?
 $5j - 12p - 3p = f$

If $a = 7$ and $b = 5$, then
 $2a + b =$

Name: _____

$$\frac{24}{N} = 12$$

$$16n = 96$$

$$\frac{N}{9} = 6$$

$$4 \times \underline{\quad} = 32$$

What is the missing
number?

$$7y = 14$$

$$35 \div \underline{\quad} = 5$$

What is the missing
number?

$$6 \times N = 30$$

What is the value of N?

$$120 \div N = 12$$

What is the value of N?

$$\frac{70}{N} = 10$$

$$\frac{N}{4} = 9$$

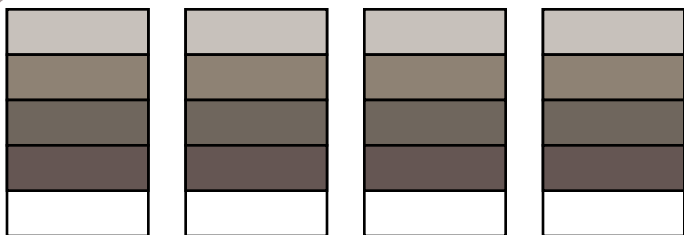
$$4n = 44$$

$$\frac{N}{21} = 30$$

$$2n = 6$$

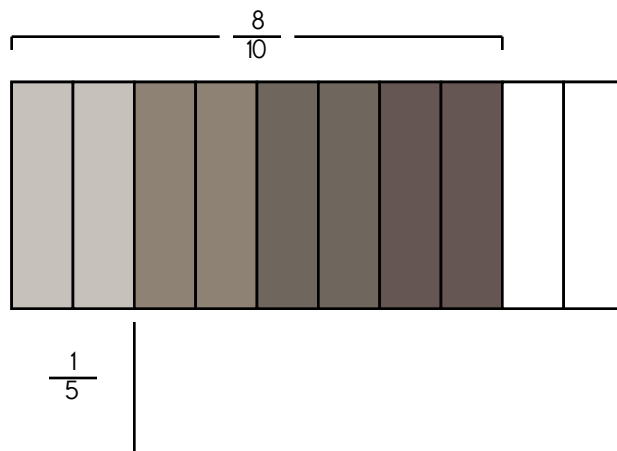
$$17m = 51$$

Name: _____



A total of four pizzas were ordered for a big party. Each pizza was divided into six slices and everyone at the party was given three slices. If there was no pizza left and everyone got their three slices, then how many people were at the party? Can you think of an equation using division to solve this?

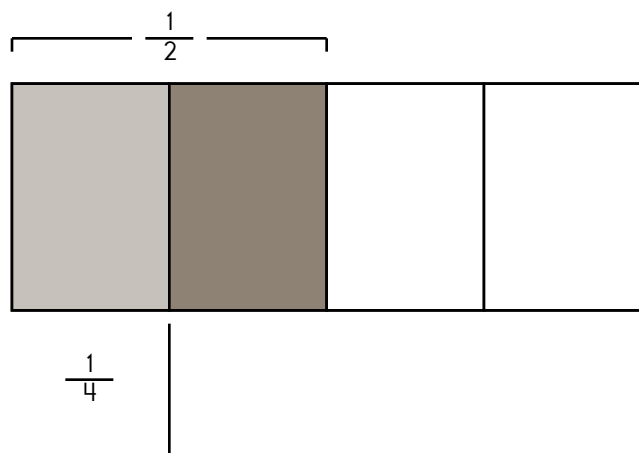
How many fifths are in eight-tenths?



$$\frac{8}{10} \div \frac{1}{5} =$$

How many fourths are in one-half?

Hint: Count the number of fourths or different colored boxes.



$$\frac{1}{2} \div \frac{1}{4} =$$

Dividing by $\frac{1}{8}$ is the same thing as multiplying by

Dividing by $\frac{4}{6}$ is the same thing as multiplying by

Dividing by $\frac{6}{8}$ is the same thing as multiplying by

Dividing by $\frac{6}{7}$ is the same thing as multiplying by

Name: _____

Mental Math

— #1 —



- Start with the number 383.

383

- Increase that number by 9.

6 1 3 3 9 2 2 4 9 9 (Circle your answer to double check you are correct.) _____

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

6 8 8 8 1 4 3 8 2 0 _____

- Multiply by 10.

1 4 0 2 2 8 5 7 3 2 _____

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

2 2 5 3 1 3 6 9 5 4 _____

- Add 4.

4 4 1 0 2 1 9 0 3 3 _____

- Find the square root.

6 8 4 9 5 3 7 9 8 4 _____

- Add 19.

3 3 1 3 2 3 4 2 2 9 _____

- Add half of 56.

1 5 0 4 2 5 9 5 7 5 _____

- Subtract 11.

1 6 3 9 6 9 4 9 5 1 _____

- Increase that number by 5.

8 4 9 8 3 5 4 4 4 6 _____

Name: _____

$$\frac{9}{50} = \frac{18}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{33}{50} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{3}{4} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{14}{25} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{7}{20} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{64}{100} = \frac{16}{25} = \underline{\hspace{1cm}} \%$$

$$\frac{54}{100} = \frac{\hspace{1cm}}{50} = \underline{\hspace{1cm}} \%$$

$$\frac{95}{100} = \frac{\hspace{1cm}}{20} = \underline{\hspace{1cm}} \%$$

$$\frac{94}{100} = \frac{\hspace{1cm}}{50} = \underline{\hspace{1cm}} \%$$

$$\frac{50}{100} = \frac{\hspace{1cm}}{2} = \underline{\hspace{1cm}} \%$$

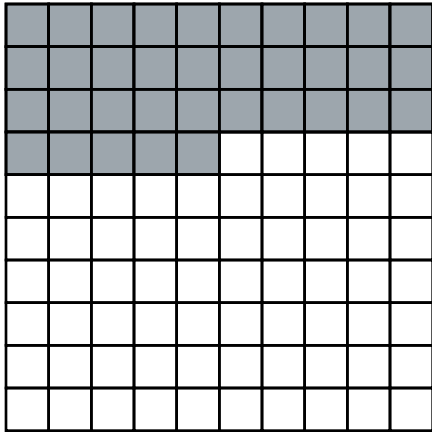
$$\frac{47}{50} = \frac{\hspace{1cm}}{100}$$

$$\frac{21}{25} = \frac{\hspace{1cm}}{100}$$

$$\frac{7}{20} = \frac{\hspace{1cm}}{100}$$

Rose put posters on the wall in her room. The posters cover $\frac{3}{10}$ of the wall. What percent of the wall is covered with posters?

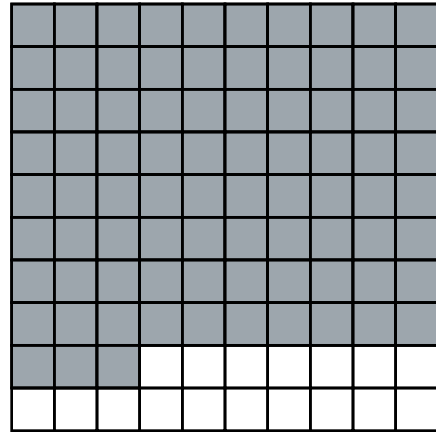
Name: _____



_____ 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.

$$\frac{46}{100} = \text{_____} \%$$

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

$$\frac{4}{100} = \text{_____} \%$$

$$11 \text{ out of } 100 = \text{_____} \%$$

$$39 \text{ out of } 100 = \text{_____} \%$$

$$0.63 = \text{_____} \% \quad 0.25 = \text{_____} \%$$

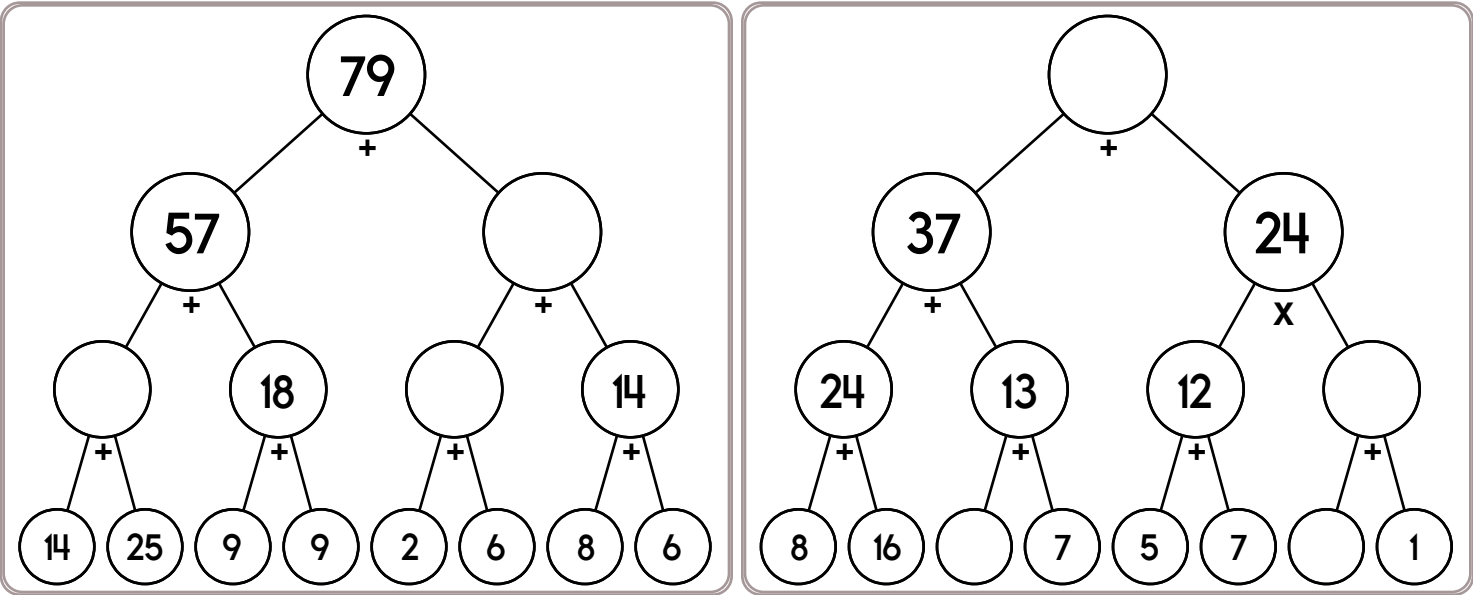
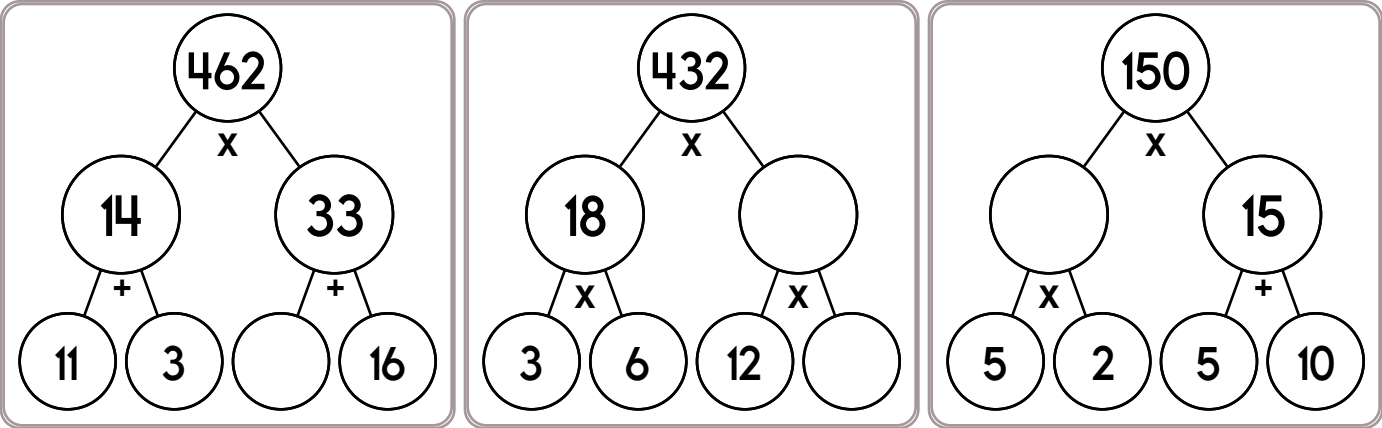
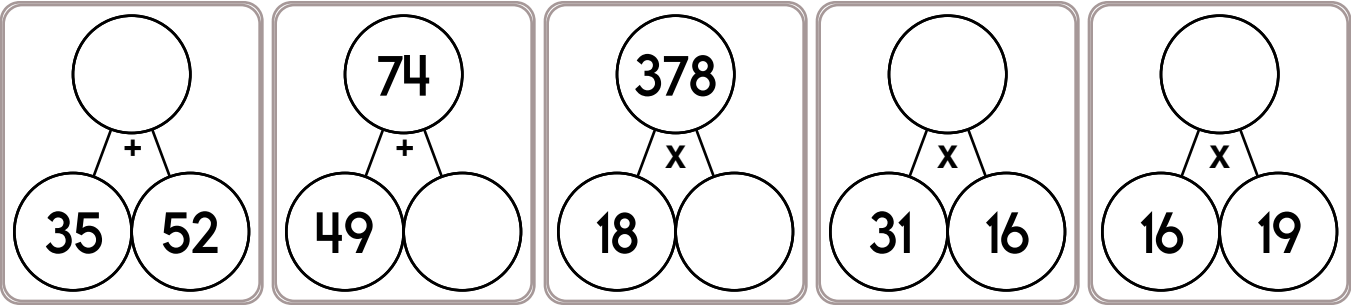
$$0.87 = \text{_____} \% \quad 0.4 = \text{_____} \%$$

$$0.04 = \text{_____} \% \quad 0.38 = \text{_____} \%$$

$$0.5 = \text{_____} \% \quad 0.07 = \text{_____} \%$$

$$0.14 = \text{_____} \% \quad 0.9 = \text{_____} \%$$

Name: _____



3 is what % of 10?

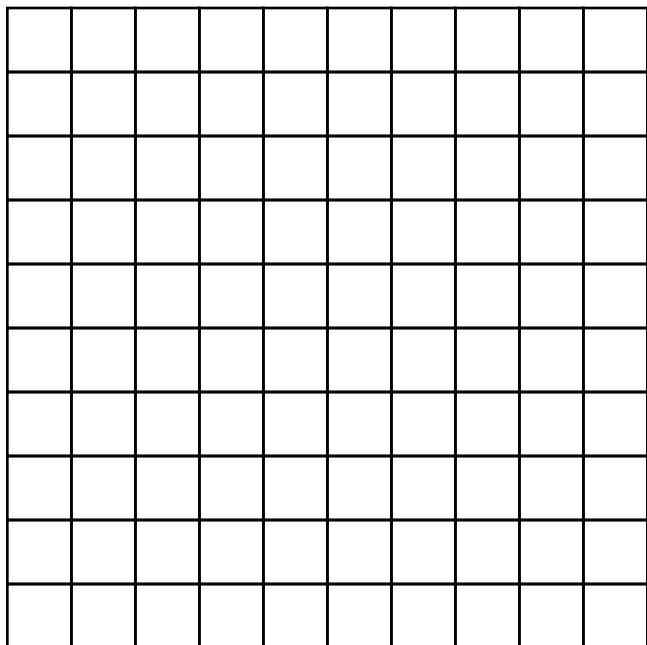
Change to a percent.

$\frac{12}{10}$

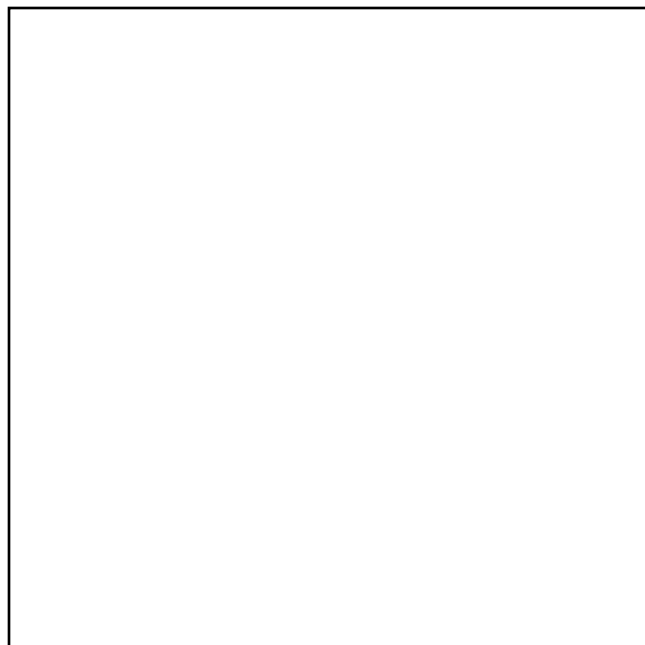
Write the ratio as a fraction in lowest terms.

11 dimes to 9 quarters

Name: _____



Color in 46% of the large square.



Color in 26% of the large square.

$$79\% = \underline{0.79} \quad 68\% = \underline{\hspace{2cm}}$$

$$57\% = \underline{\hspace{2cm}} \quad 10\% = \underline{\hspace{2cm}}$$

$$1\% = \underline{\hspace{2cm}} \quad 40\% = \underline{\hspace{2cm}}$$

$$30\% = \underline{\hspace{2cm}} \quad 25\% = \underline{\hspace{2cm}}$$

$$8\% = \underline{\hspace{2cm}} \quad 94\% = \underline{\hspace{2cm}}$$

$$\frac{9}{50} = \frac{18}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{2}{25} = \frac{\hspace{1cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{4}{5} = \frac{\hspace{1cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{9}{10} = \frac{\hspace{1cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{3}{4} = \frac{\hspace{1cm}}{100} = \underline{\hspace{2cm}} \%$$

Name: _____

Complete each analogy with the best word.	
accept	dishonest
digestive system	liter
sleep	sty
colonel	believe
green	coop
talk	lasagna
color	scream
nervous system	sell
believe : doubt ::	
buy : _____	
horse : barn ::	
chicken : _____	
inch : centimeter ::	
quart : _____	
lieutenant : captain ::	
major : _____	
truth : honest ::	
lie : _____	
paste : glue ::	
pigment : _____	
Valentine's Day : red ::	
Earth Day : _____	
fun house : laugh ::	
rollercoaster : _____	
nose : respiratory system ::	
mouth : _____	
ice cream : pasta ::	
sundae : _____	

B F W D H M R F C O N F U S E L I
O O A E V E E L L C F B L U E L O
R R T K P N W I N N O C E N C E M
D E E R O T O T L G H O O K W D A
E G R A L O L E E A I R P L A N E
R R E P L R F R H T U E L S R L R
F O N E G O R T S E R A K L M E C
O U G T S S E N L L I C O O P R S
R N N E A Y L F R E T T U B I O N
K D I O C H W A T E R S P O U T E
L E R O P D E V E L O P M E N T S
L S E L V I C O L O R N E E R G T
E U F L T E C I D H I N S E C T S
S M F C E F R K N H N S A L F P E
R M U K C N U C L N B E N K E I U
R E S L R U O E A E R L G S L H L
E R L L S E P L L S S F A G I S A
E T A R D Y H I O O T I S N N E V
E X P O R T S S D C E S A U E F E
L F R E B E L L I O N H L L L I S

SELFISH • POLL • SCREAM
SUMMER • FOREGROUND
EXPORTS • LUNGS • BUTTERFLY
WARM • LITER • HOOK • SHIP
ILLNESS • CUPID • OVERCAST
AIRPLANE • INSECT
WATERSPOUT • BLUE • VALUES
REBELLION • PICKLES • WATER
HYDRATE • FORK • SELL
SLEUTH • COLOR • ESTROGEN
LASAGNA • CONFUSE • FUEL
BORDER • FELINE • INNOCENCE
PARKED • GREEN • MENTOR
COOP • DEVELOPMENT
FLOWER • COLONEL
SUFFERING

Name: _____

$4 \times -5 =$

$\frac{-96}{12} =$

$-4 + -9 =$

$99 \div -9 =$

$-13 + 10 =$

$-96 \div 8 =$

$-7 \times -12 =$

$-3 + 9 =$

$-5 - 12 =$

$-23 + 18 =$

$-9 - -1 =$

$-3 - 4 - 1 =$

$4 + -5 =$

$-7 + -11 =$

$10 \times -11 =$

Name: _____

A box is 10 feet wide, 22 feet long, and 6 feet deep. What is its volume?

- A) 1068 cubic feet
- B) 1320 cubic feet
- C) 44 cubic feet
- D) 391 cubic feet

$$-12 - 5 =$$

- A) -7
- B) -17
- C) 17
- D) penny

$$8 \times 56 =$$

- A) 441
- B) 448
- C) 438
- D) 1,284

Amy has a plot of land to grow vegetables. The land measures eleven yards by twenty-seven yards. What is the area of the plot?

- A) $11 \text{ yd} \times 27 \text{ yd} = \text{Area}$
- B) $(4 \times 11 \text{ yd}) + (4 \times 27 \text{ yd}) = \text{Area}$
- C) $(2 \times 11 \text{ yd}) + (2 \times 27 \text{ yd}) = \text{Area}$
- D) $11 \text{ yd} + 27 \text{ yd} = \text{Area}$

Which of the following has the greatest value?

- A) 90.3
- B) 0.073
- C) A and B are equal.

$$12 \times 2 = 6 \times \underline{\hspace{1cm}}?$$

- A) 2
- B) 12
- C) 10
- D) 4

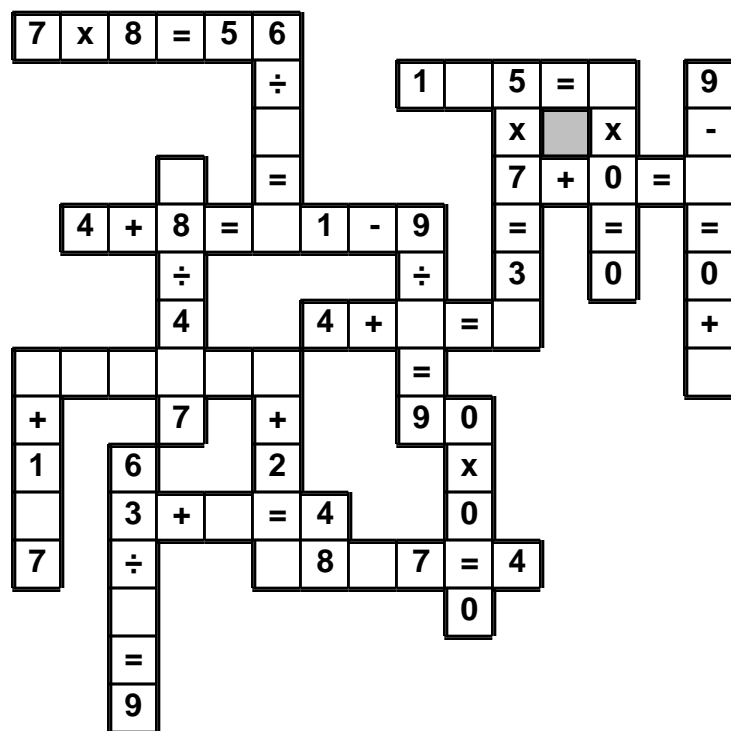
Name: _____

X				11		2
11			44			
	<u>11</u> x <u> </u>	<u>11</u> x <u> </u>	<u>11</u> x <u> </u>	<u>11</u> x <u>11</u>	<u>11</u> x <u> </u>	<u>11</u> x <u>2</u>
	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u>11</u>	<u> </u> x <u> </u>	<u> </u> x <u>2</u>
				121	44	
	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u>11</u>	<u> </u> x <u> </u>	<u> </u> x <u>2</u>
9		45				
	<u>9</u> x <u> </u>	<u>9</u> x <u> </u>	<u>9</u> x <u> </u>	<u>9</u> x <u>11</u>	<u>9</u> x <u> </u>	<u>9</u> x <u>2</u>
7	35			77		
	<u>7</u> x <u> </u>	<u>7</u> x <u> </u>	<u>7</u> x <u> </u>	<u>7</u> x <u>11</u>	<u>7</u> x <u> </u>	<u>7</u> x <u>2</u>
	45	45		99		
	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u>11</u>	<u> </u> x <u> </u>	<u> </u> x <u>2</u>
			44			
	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u>11</u>	<u> </u> x <u> </u>	<u> </u> x <u>2</u>
	30		24		24	
	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>	<u> </u> x <u>11</u>	<u> </u> x <u> </u>	<u> </u> x <u>2</u>

7,728 + 5,894 = _____

Circle the smallest number:
290,386,751,458 73,860,545,268
6,324 70,199,241

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



Reduce $\frac{63}{126}$ to its lowest terms.

If $a = 7$ and $b = 5$,
then
 $3a + b =$

Sara has \$61.28. She has 9 bills and 20 coins. How?

Eric has \$72.93. He has 10 bills and 8 coins. How?

$$457 - 124 = \underline{\hspace{2cm}}$$

$$120 \div 12 =$$

$9 \times 3 = \underline{\hspace{2cm}}$

Name: _____

Sudoku Sums of 15

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 15.

Here is an example of a sudoku sum of 15:

12	3
----	---

	5		6	1	2		9	
6			9					
				5				
1		4	8					
9				6		4		
		7		4			6	
7	9		4				5	
8		5					1	
			1			7	8	2

Circle the greatest amount:

44%

0.33

$\frac{1}{5}$

$$|-12| - p = 5$$

$$p =$$

$$0.4 \cdot 4 =$$

Name: _____

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

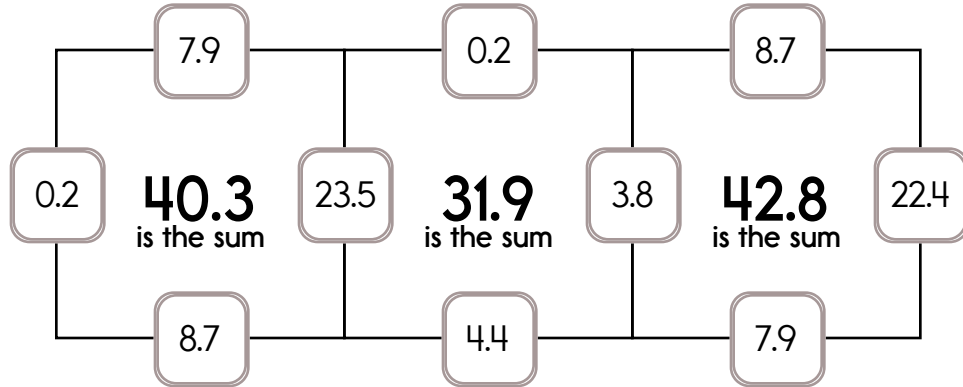
Example:

$$0.2 + 23.5 + 7.9 + 8.7 = 40.3$$

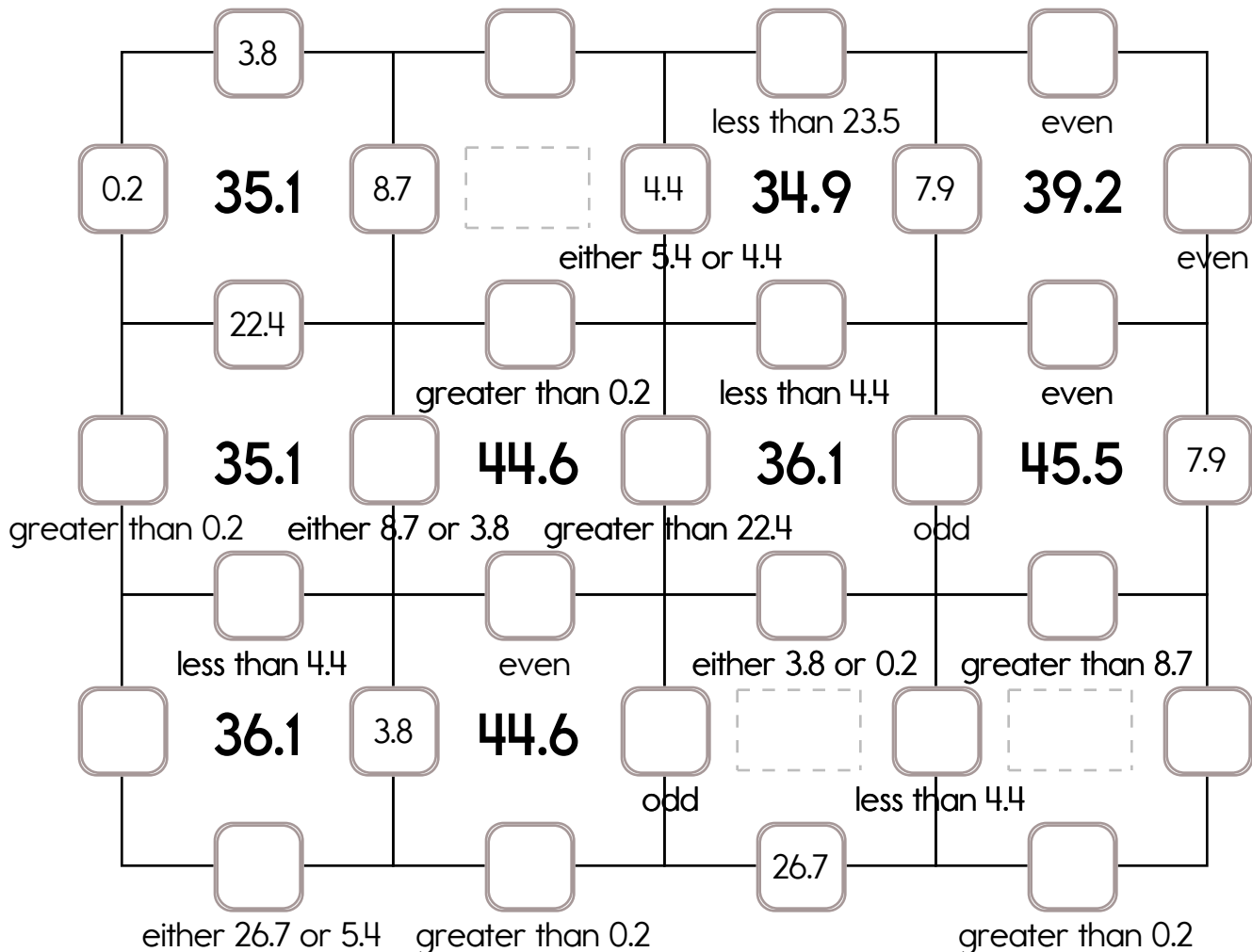
Example:

$$3.8 + 22.4 + 8.7 + 7.9 = 42.8$$

Sample:

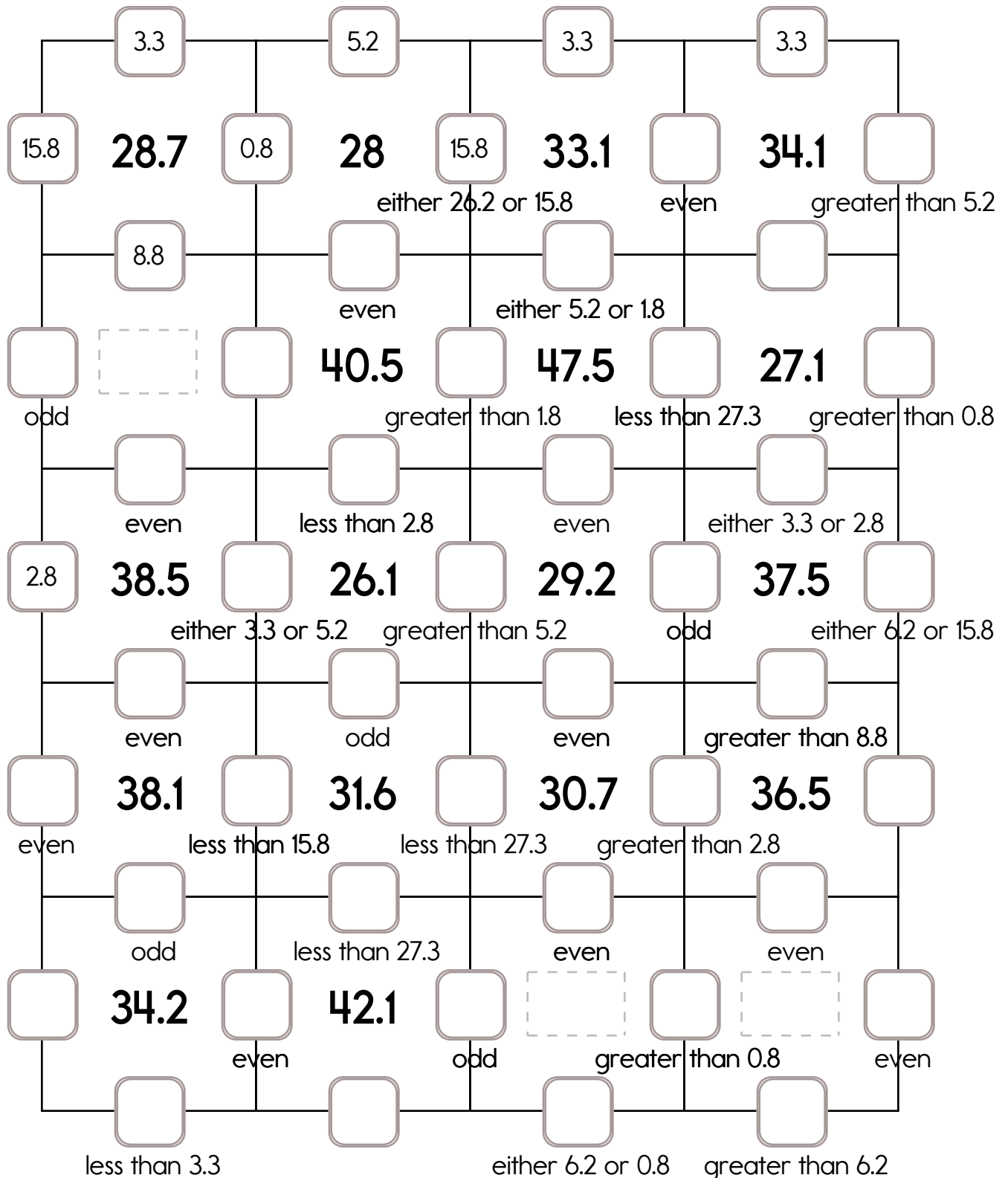


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 22.4, 26.7, or 23.5. The other three numbers have to all be DIFFERENT and must be from these: 3.8, 7.9, 0.2, 8.7, 4.4, or 5.4.



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: 15.8, 26.2, or 27.3.
The other three numbers have to all be DIFFERENT and must be from these: 0.8, 6.2, 1.8, 2.8, 8.8, 3.3, or 5.2.





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