Name: _____

1 centimeter = 10 millimeters

5 centimeters = 50 millimeters

100 millimeters = 10 centimeters

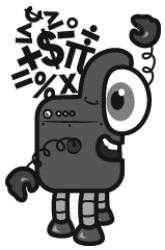
Draw a line to match each problem with the same answer.

60 centimeters	8 centimeters	40 millimeters	4 centimeters
50 millimeters	600 millimeters	80 centimeters	20 centimeters
80 millimeters	700 millimeters	200 millimeters	800 millimeters
70 centimeters	5 centimeters	50 centimeters	500 millimeters

Emma has 32 books. She organized them equally into 4 boxes. How many books in each box?	The number 58 is more than the number 9 by how much?	How many tens are in the number 50?
A book has 5 pages. Each page has 10 dimes. How many dimes in the book?	This number is one hundred less than 2,158.	You need to add what to 69 to get 76?
If you exchange 100 dimes for dollars, then how many dollars would you get?	326 + 8 =	Is 25 a composite or a prime number?

Name: _____

Mental Math — #1 —



- Start with the number 685. **685**
- Add the number of legs on 7 chickens. _____

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

- Add half of 26. _____

7 1 2 1 3 0 1 0 7 9

- Add the number of dimes in a dollar. _____

9 2 7 3 2 7 2 2 4 1

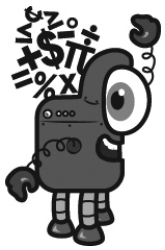
- Subtract 4 tens. _____

9 5 3 5 5 7 6 8 2 5

- Round that number to the nearest ten. _____

7 7 6 8 0 4 6 2 2 7

Mental Math — #2 —



- Start with the number 15. _____

1 2 5 2 1 5 3 6 7 4 (Circle your answer to double check you are correct.)

- Subtract 6. _____

1 2 2 6 8 4 7 5 9 9

- Add the number of days in a week. _____

1 7 4 1 6 3 9 0 8 8

- Add 4 tens. _____

8 5 9 9 3 0 5 5 6 8

- Add a dozen. _____

9 1 5 6 8 5 7 5 2 4

- Round that number to the nearest ten. _____

6 4 3 0 7 0 1 1 7 4

Name: _____

The Big Bike Store had 91 bikes. They had a sale. They sold 72 bikes. How many were left?

Sara picked 12 apples. Ava picked 6 apples. How many apples did they pick in all?

Ava found 3 quarters, 2 dimes, and 7 pennies in the creek. How much money did she find?

Circle the second letter.

F R B K T L H P

How many days are there in two full weeks?

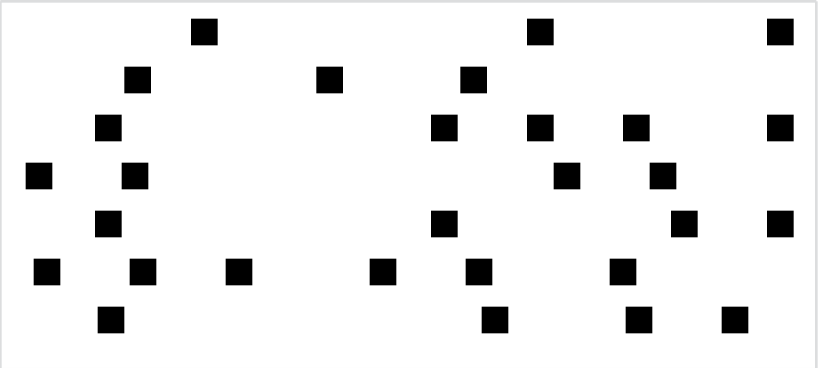
_____

67 - 44 = _____

Take a guess and estimate how many squares are below. Then write the actual number.

Estimate: _____ Actual: _____

How close was your guess? _____



Which number is odd?

○ 33 ○ 34

4 dimes 5 quarters

○ 165¢ ○ 150¢ ○ 175¢

3 + 6 + 5

○ 14 ○ 22 ○ 17

Name: _____

Erin ate 2 cups of yogurt each day for 4 days. Emma ate 3 cups of yogurt each day for 5 days. How many more cups did Emma eat?

Kevin and his family are going to Japan next summer. They will leave sometime during the week of June 15-21. What is the chance they will leave on Monday?

Fill in the boxes so each line equals 11.

11
17 - ☐
1 x ☐
☐ ÷ 7
(☐ - ☐) + 10

Write the shaded part as a decimal.

_____

What are the first four multiples of 7?

_____

What are 10 equal to?

_____

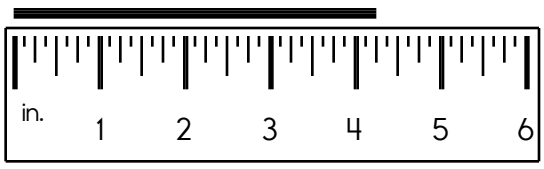
What is the range of these numbers?

22, 19, 18, 26, 29, 22, 26

_____

Write the length in inches.

_____



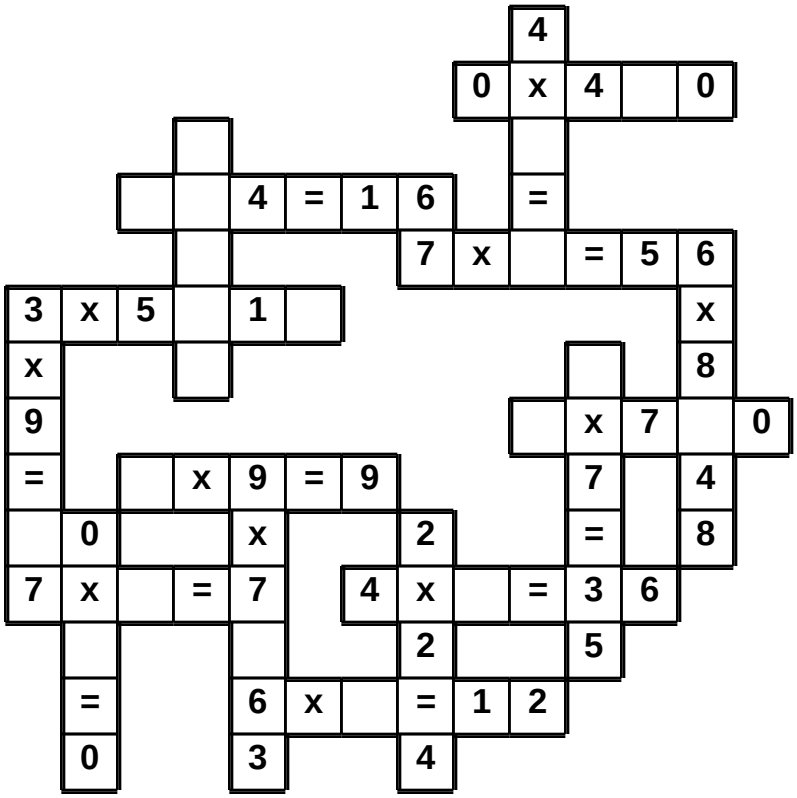
$$\begin{array}{r} 7 \\ 9 \\ +\ 1\ 2 \\ \hline \end{array}$$

word root **di** can mean **away or apart** **digress, digression**

Name: _____

= • 8 • 2 • 4 • x • 1 • 8 • = • 5 • 8 • 5 • 0 • = • 1 • 2 • 1 • 9
5 • = • 2

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



Write two odd numbers that when added together equal the even number 14.

_____

What is half of 34?

_____

$$\begin{array}{r} 98 \\ -\ 25 \\ \hline \end{array}$$

List the first three multiples of 7.

_____ _____ _____

Which number is greater: 0.9 or 0.86?

_____

- ○ shehruf
- ○ shiriff
- ○ sheriff
- ○ seriff

Name: _____

Write an odd number with a four in the hundreds place.

_____

Cross out all of the prepositional phrases in the sentence.

Charley ran across the street after the ball.

- ○ grown
- ○ grawn
- ○ grehn
- ○ grahn

Name the polygon that has ten vertices.

_____

What is the value of the BIG digit?

6**6**9,769

_____

```
  30
+ 22
____
```

Is 93 larger than 39?

_____

```
  27
+ 74
____
```

How many hours are in two days?

_____

Round the number to the place value of the BIG number.

93,1**8**6,583

_____

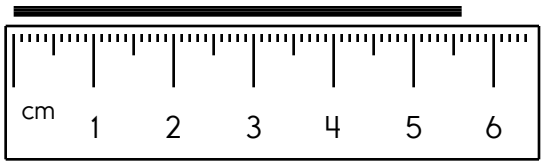
10 x 9 = _____

Write the number with 2 ten-thousands and 5 ones.

_____

Write the length in centimeters.

_____



- ○ equal
- ○ eqqaul
- ○ eqal
- ○ eqaul

Calculate the sum of 20, 24, and 28.

_____

```
  11
x  3
____
```

```
   3
x  7
____
```

$4\overline{)20}$

Name: _____

490 + 344	661 - 159	1,038 - 446	154 + 727	599 + 140
442 - 336	947 + 777	362 + 194	1,062 - 204	1,701 - 917
237 + 556	732 - 272	1,420 - 617	438 + 155	392 - 197
889 + 179	532 - 190	355 + 515	399 + 664	1,644 - 981
1,219 - 686	249 + 241	439 + 665	1,554 - 599	1,509 - 570
1,101 - 522	353 + 766	1,464 - 924	115 + 292	202 + 215
833 + 548	842 - 726	1,239 - 633	953 + 837	942 - 171

8
+ 6
= ☐

+ 7
= ☐

- 2
= 19

+ ☐
= 22

+ 6
= ☐

- 4
= ☐

+ 6
= 30

- ☐
= 27

- ☐
= 22

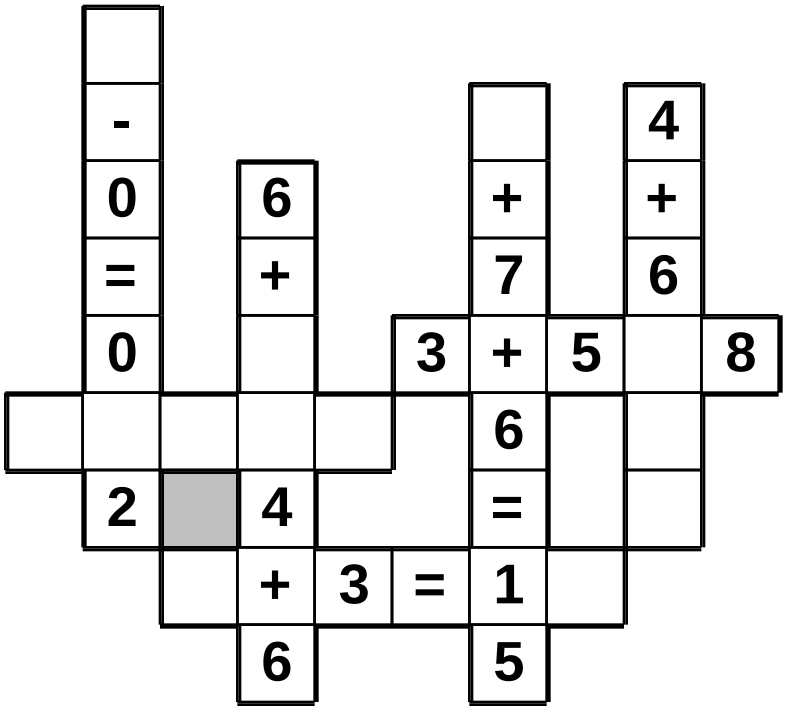
+ ☐
= 28

+ ☐
= 31

Name: _____

2 • 2 • 4 • = • 1 • + • 7 • = • 8 • 1 • 0 • 9 • 2

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



Which is larger, $\frac{1}{4}$ or $\frac{2}{4}$?

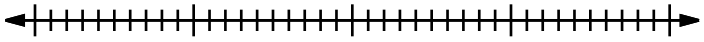
_____

$6\overline{)24}$ $5\overline{)30}$

What temperature is twenty-six degrees above freezing in Celsius?

_____

Locate where to put the number 687,500 and label the point M.



The factors of 20 are ____ ____ 4 ____ ____ 20

If ☐ = 6, then ☐ - 4 = _____

$$\begin{array}{r} 97 \\ -\ 30 \\ \hline \end{array}$$

word root **equi** can mean **equal or same** **equation, equilateral**

Name: _____

Wonky Polygon Houses

Polygon: a closed shape made up of straight lines

triangle
3 sides

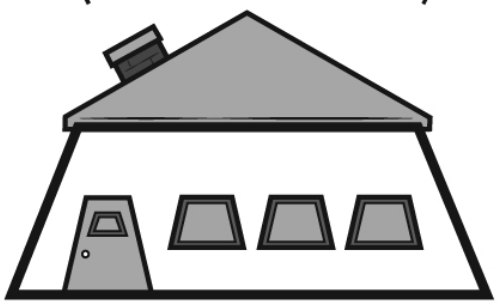
square
4 congruent sides
4 right angles

rectangle
4 sides
4 right angles

parallelogram
4 sides
2 pairs of parallel sides

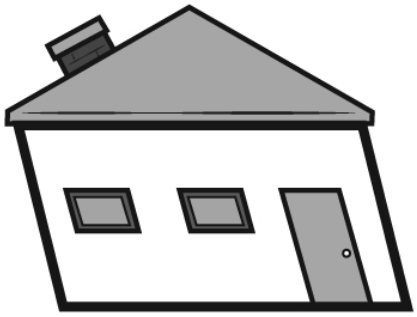
trapezoid
4 sides
1 pair of parallel sides

Name the Polygon



_____

_____



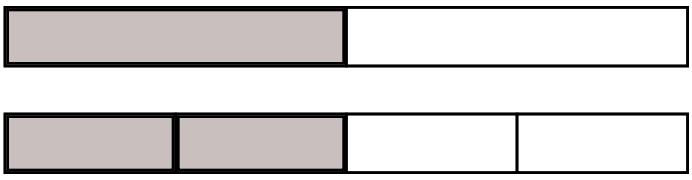
_____

Draw your own wonky polygon house:

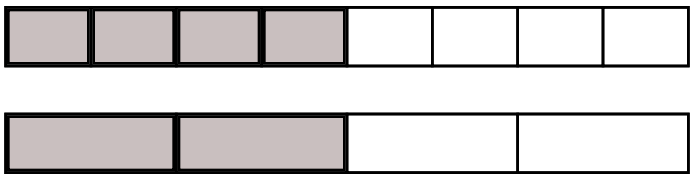
_____

What kind of polygon did you draw? _____

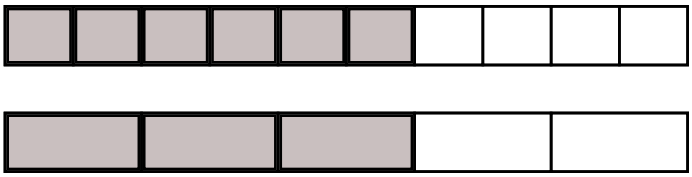
Name: _____



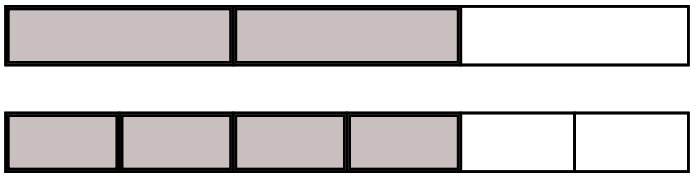
$\frac{1}{2} = \frac{\square}{4}$



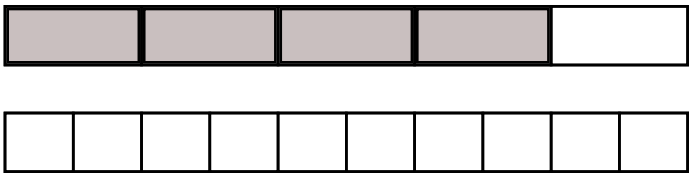
$\frac{4}{8} = \frac{2}{\square}$



$\frac{6}{10} = \frac{\square}{\square}$

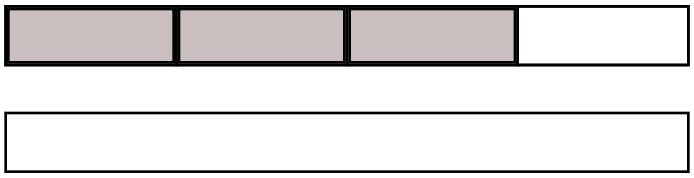


$\frac{\square}{\square} = \frac{\square}{\square}$



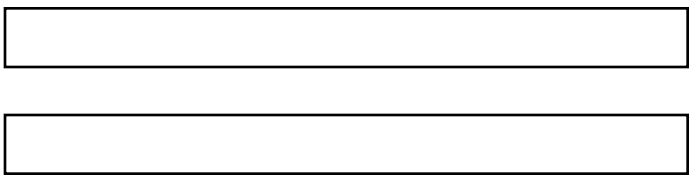
Color to complete the fraction bars.

$\frac{4}{\square} = \frac{8}{10}$



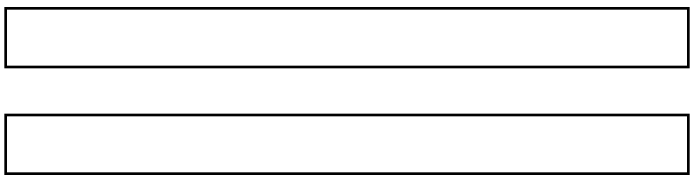
Color and draw lines to complete the fraction bars.

$\frac{\square}{4} = \frac{6}{8}$



Color and draw lines to complete the fraction bars.

$\frac{4}{8} = \frac{1}{2}$



$\frac{3}{9} = \frac{1}{\square}$

Name: _____

$6\overline{)144}$ $72\overline{)648}$ $3\overline{)84}$ $6\overline{)60}$

$40\overline{)1080}$ $24\overline{)216}$ $35\overline{)420}$ $40\overline{)1280}$

Which number is a 4-digit even number?	80 ÷ 8 =	Is 14 a composite or a prime number?
Is 43 a composite or a prime number?	How much greater is 182 than 31?	You have a playdate in 120 minutes. How many hours is that?
double 42 =	How many minutes are there from 8:00 p.m. until 8:30 p.m.?	Double the number 11 three times.

Name: _____

Hannah is buying candy mixes for goodie bags. Each fun mix packet weighs 2 ounces. She purchased 4 pounds. How many packets did she buy?

(Hint: 1 pound = 16 ounces)

Megan needs to buy water for the cafeteria.

"Can you please pick up 80 quarts of water?" asked the principal.

When Megan got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

How many total legs are on 11 elephants?

Which number has exactly 2 thousands?

How many hundreds are in the number 320,000?

Name: _____

$10\overline{)50}$	$40\overline{)120}$	$20\overline{)160}$
$30\overline{)180}$	$10\overline{)190}$	$40\overline{)520}$
$50\overline{)850}$	$90\overline{)1260}$	$60\overline{)1080}$
$30\overline{)780}$	$80\overline{)2960}$	$70\overline{)3430}$

Which number has exactly 8 hundred thousands?

23 + ___ + 20 = 60

At 1 p.m. today, Anna will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

Name: _____

The number 975 is the smallest whole number that when rounded to the nearest

_____ will be 980.

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

8 4 6 7

Make a subtraction equation. The difference between your numbers should be 4.

____ - ____ = 4

Reduce $\frac{14}{16}$ to its lowest terms.

Reduce $\frac{4}{8}$ to its lowest terms.

Reduce $\frac{18}{54}$ to its lowest terms.

Name: _____

Which number comes between 8.39 and 8.53?

A) 8.43
B) 8.26
C) 8.97
D) 8.9

5 hundreds, 9 tens =

A) 59
B) 590
C) 950

Which fact belongs to the same family as 11 x 10 = 110?

A) 110 - 10 = 11
B) 110 + 11 = 121
C) 11 ÷ 10 = 110
D) 110 ÷ 11 = 10

Which of the following numbers is an even number and also can be divided by 4?

A) 38
B) 13
C) 32
D) 34

A polygon has nineteen vertices. How many sides does the polygon have?

A) 20
B) 18
C) 19
D) None of the above

What number is missing from the following sequence?

110, 100, 90, 80, ____, 60, 50

A) 74
B) 63
C) 70
D) None of the above

Name: _____

Roman Numerals

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.

I = _____

IV = _____

VIII = _____

IX = _____

XIII = _____

XIV = _____

XVII = _____

XIX = _____

XXXIII = _____

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

1 _____ XXXXVIXXLV XIXLVIXIXII	6 _____ VIXXVXXXVI VIXIVIVIIX	8 _____ VVIVIIIXII VVIIIXVIXI	2 II XLIVIIXXIII IXXXVIIIIIV
3 _____ VXXIIIIIIXI VIIIIIIXLIIX	10 _____ IXXXLIXXIVI VXXLIXXXXII	5 _____ XVIIIVXXXI VXVIXXXIII	9 _____ VIXXXXXVII XXVIXXXIXV
24 _____ IXXIVIXLVII VIVXXIVIXX	19 XIX XVXIXXLIVX VXIXIXLVXI	37 _____ XXXXXVIIVX XXXVIIXXIIX	38 _____ XXXVIIIXXIX XXXIXXXVIII
47 _____ XLVIIVXXXI XLVIXLVIIV	40 _____ IIIXXLVXLIV XLXIIXXXIII	46 _____ XXXIVXLVIV VIXLVIXXIII	58 _____ XIVLVIIIXV XXIILVIIIVI

Name: _____

$$\begin{array}{r} 492 \\ +\ 492 \\ \hline \end{array}$$

3 hundreds + 4 hundreds =

7 thousands | 70 thousands | 7 hundreds

Use paper and pencil to answer.

33 + 45 =

What is the missing digit?

$$\begin{array}{r} 102 \\ +\ \square 89 \\ \hline 991 \end{array}$$

Use paper and pencil to answer.

45 + 13 =

Use paper and pencil to answer.

128 + 435 =

$$\begin{array}{r} 54 \\ +\ 56 \\ \hline \end{array}$$

26 ones + 4 ones =

3 tens | 264 ones | 3 thousands | 300 ones

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

(1 + 10) - 10 = 1	9 + (11 + 10) = 30
11 - 7 + 4 = 0	11 - 7 + 4 = 8
7 - 1 + 3 = 9	7 - 1 + 3 = 3
12 + 4 + 12 = 28	7 + 2 - 3 = 6
2 + 11 + 2 = 15	9 - 1 + 6 = 14
7 + 9 + 1 = 17	10 + 1 - 9 = 2
5 + 9 + 5 - 9 = 10	2 + 4 + 3 - 6 = 3
5 + 11 + 1 + 9 = 26	1 + 4 + 7 + 9 = 21
2 + 6 - 2 + 3 = 9	10 + 6 - 10 + 4 = 10

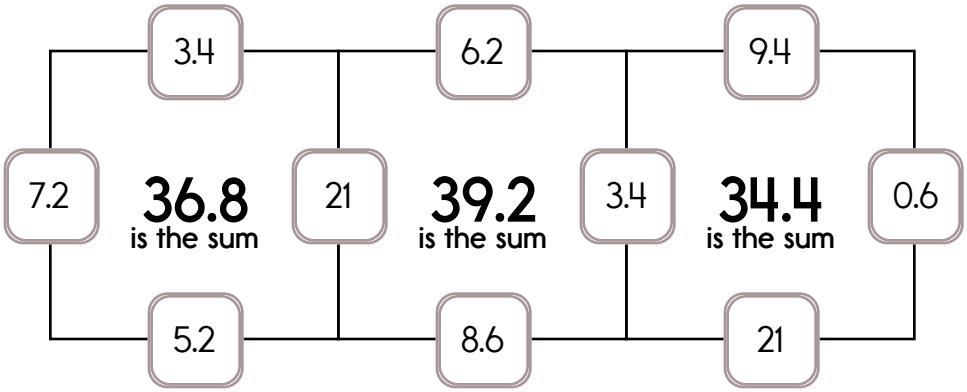
Name: _____

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

Example:
7.2 + 21 + 3.4 + 5.2 = 36.8

Example:
3.4 + 0.6 + 9.4 + 21 = 34.4

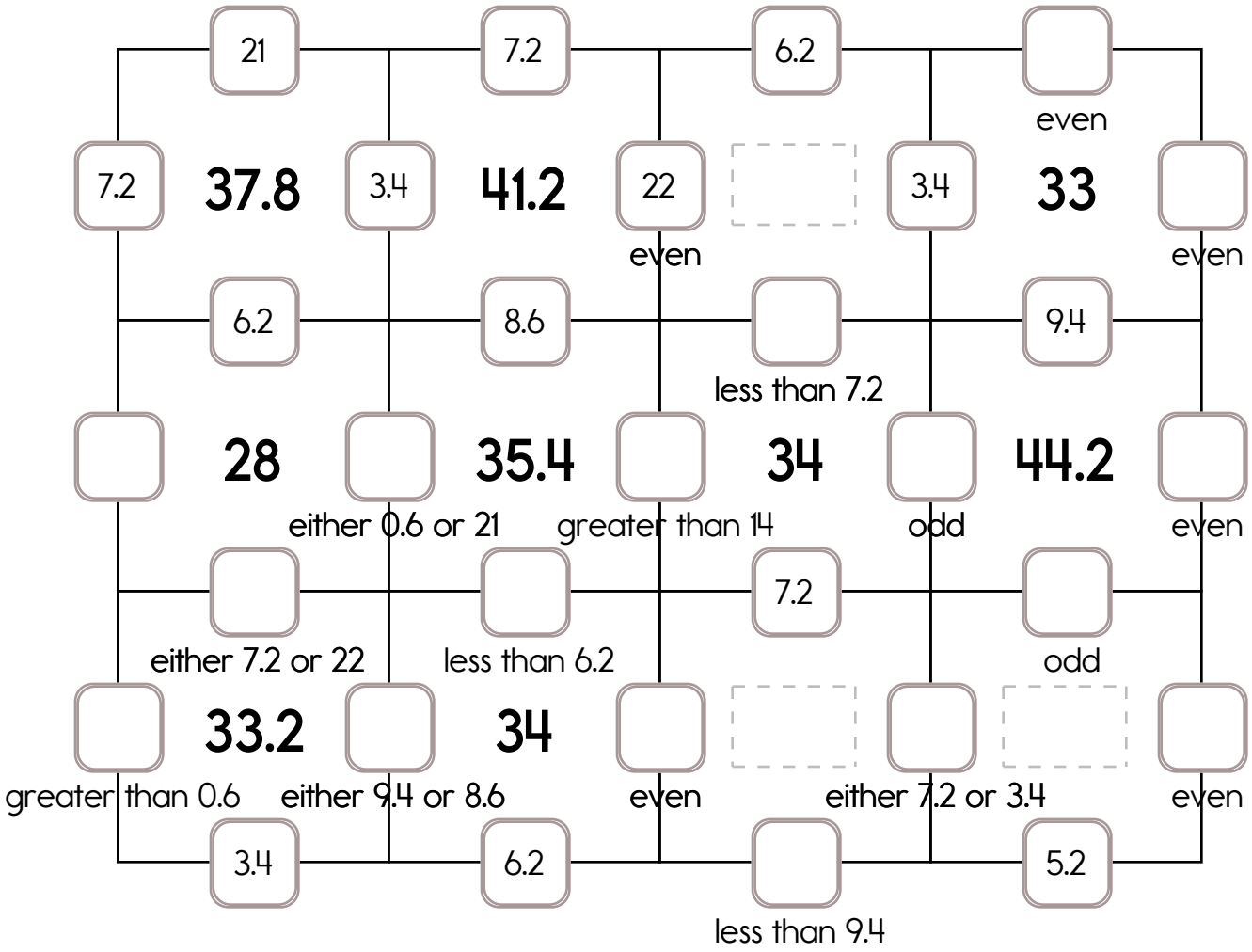
Sample:



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: 21, 14, or 22.

The other three numbers have to all be DIFFERENT and must be from these: 7.2, 0.6, 5.2, 6.2, 3.4, 8.6, or 9.4.

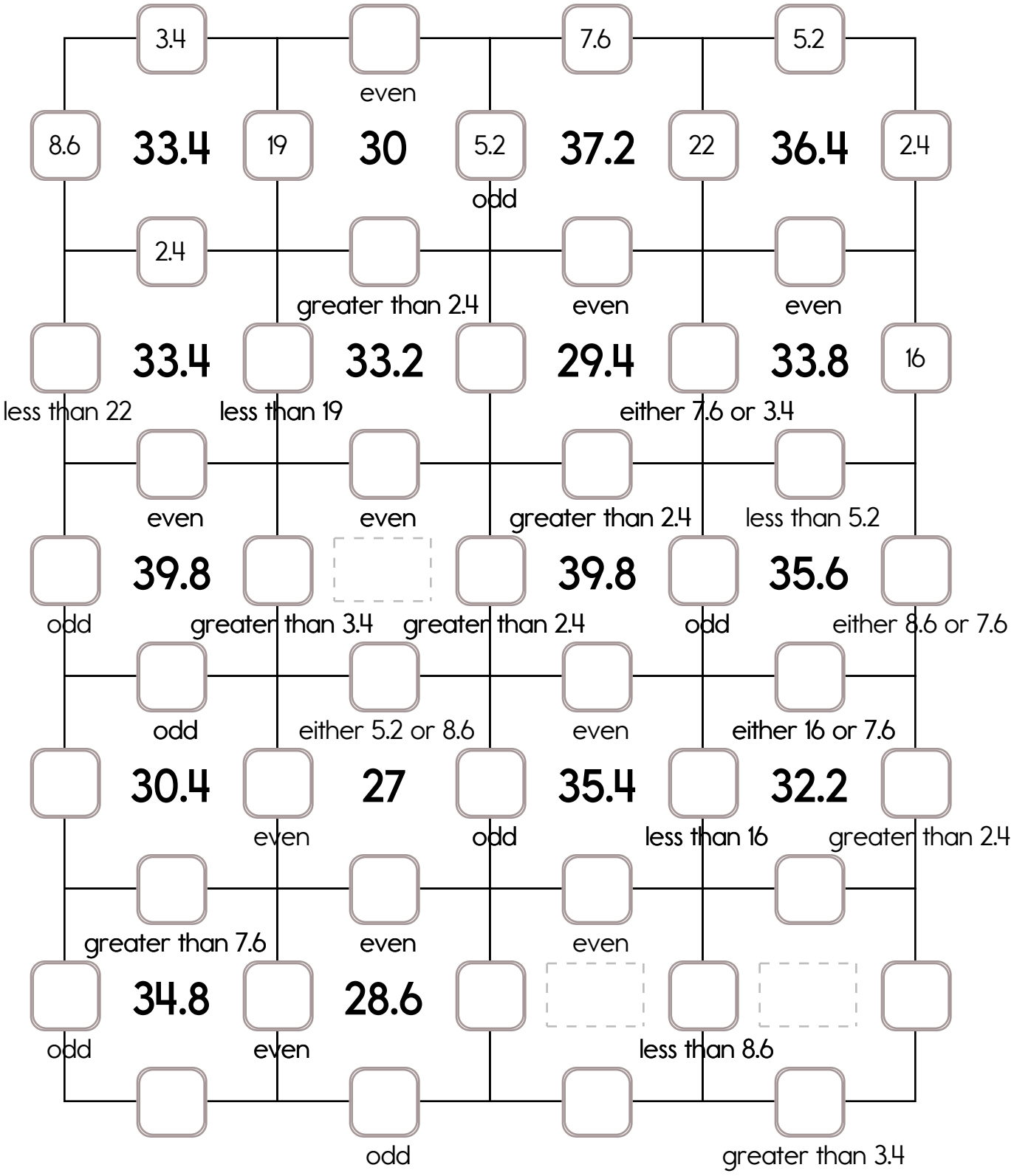


Name: _____

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: 19, 16, or 22.

The other three numbers have to all be DIFFERENT and must be from these: 5.2, 3.4, 2.4, 6.8, 8.6, or 7.6.



Name: _____

France, Germany, and Russia were awarded gold (5, 7, and 8), silver (3, 8, and 7), and bronze (6, 3, and 8) medals. Figure out how many of each type of medals were won by each of the three countries.

For example, country x may have won 5 gold, 7 silver, and 3 bronze medals. However, if country x won 5 gold medals, that means country z did not win 5 gold medals. Instead, country z may have won 7 gold medals.

Use the clues to figure out the number of medals awarded to each country.

1. One country won eight gold medals. The same country also won three silver medals.
2. Russia won two bronze medals in downhill skiing as well as three bronze medals in ski jumping.
3. France won more gold medals than bronze medals. France also won the same number of gold medals as silver medals.
4. Russia won the fewest gold medals.
5. Germany won either three or six bronze medals.
6. France won a total of twenty medals.
7. One country won an even number of bronze medals and eight silver medals.
8. France won either seven or eight gold medals.
9. Russia won the most silver medals.
10. France won either three or seven silver medals.

France won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Germany won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Russia won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

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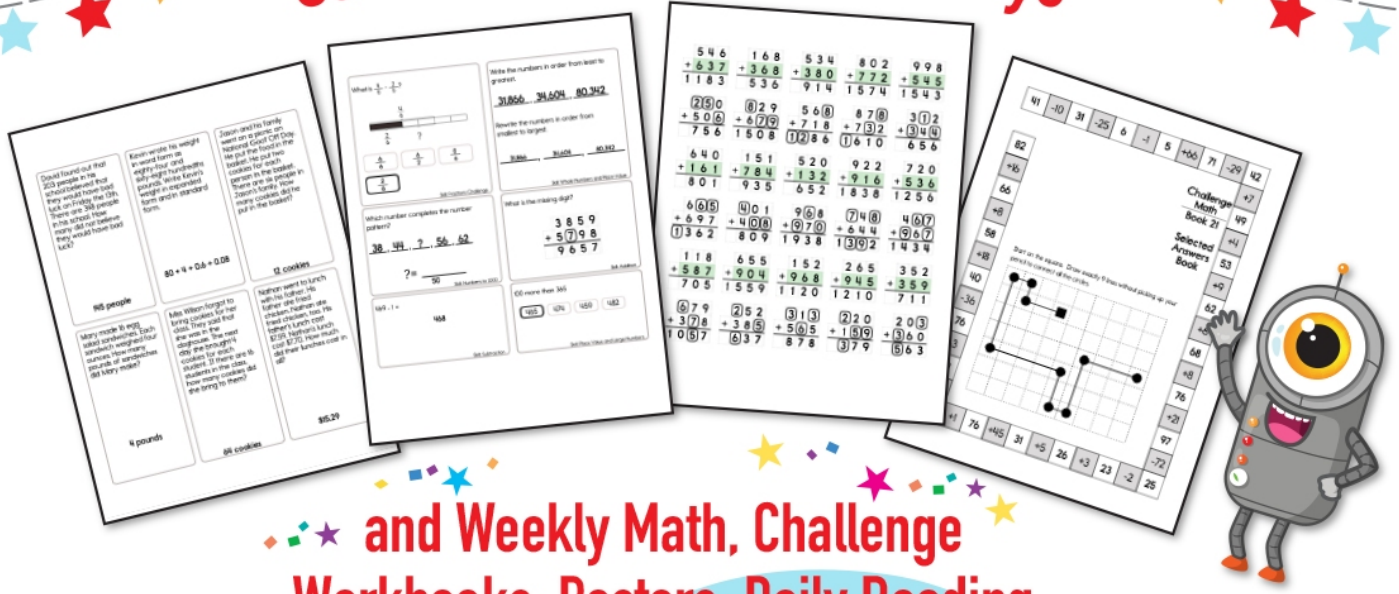

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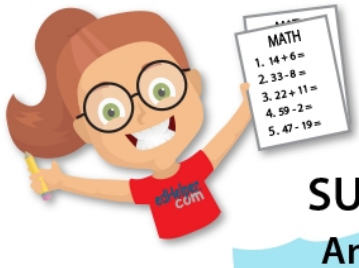

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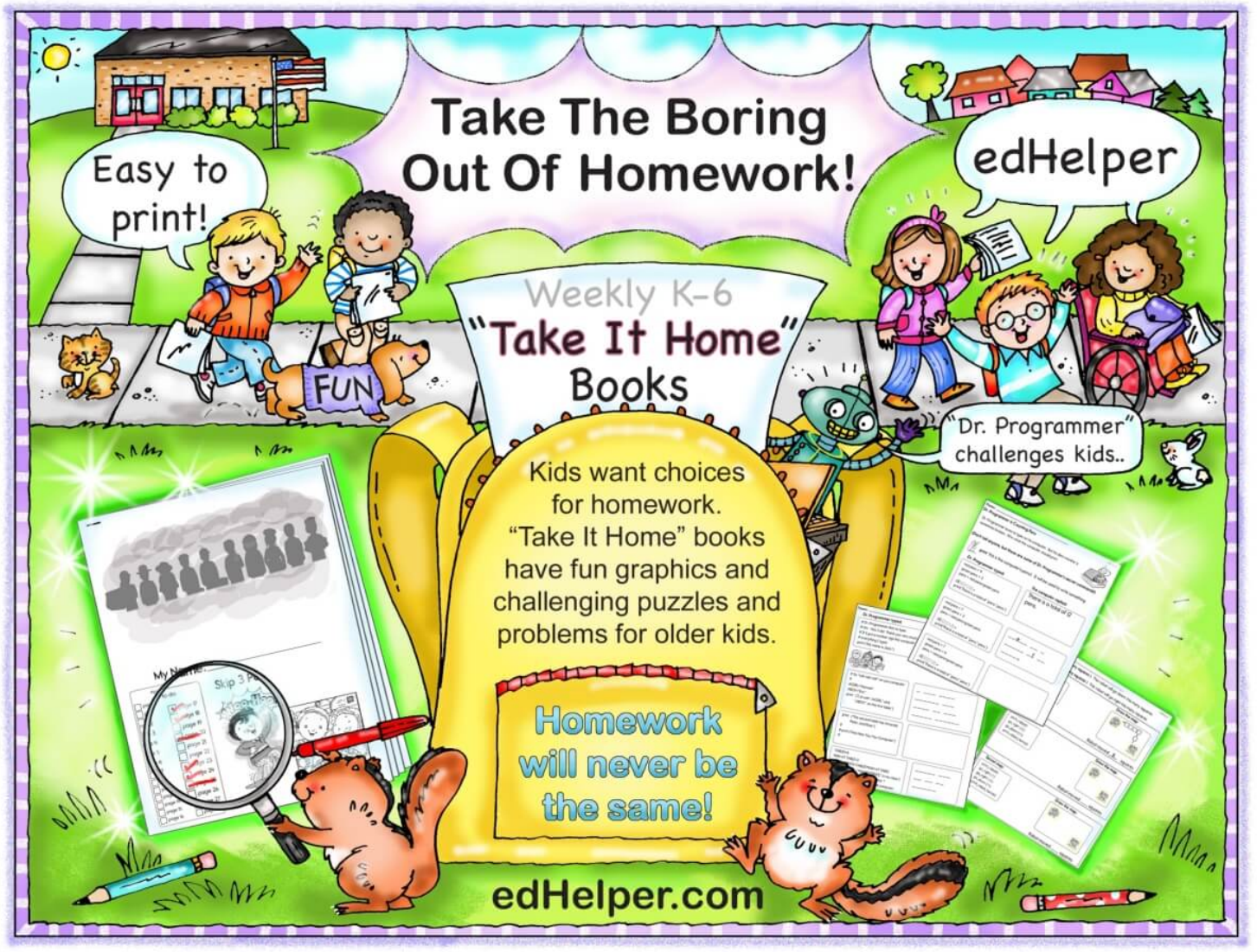
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