Name: _____

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

6, 9, 9, 9, 9, 6, 6, 6, 6, 9, 9, 9, 9, 6,

6, 6, 6, 6, 6, 6, 9, 9, 9, 9, ___, ___, ___, ___

8, 2, 2, 2, 2, 8, 8, 8, 8, 2, 2, 2, 2, 8,

8, 8, 8, 8, 8, 8, 2, 2, 2, 2, 8, ___, ___, ___

Complete each pattern. Write what the rule is.

7	20	33	46	59
2	10	18	26	
4	19	34		64
5		17		29

Name: _____

Which of the following fractions when added to $\frac{3}{6}$ is $\frac{13}{14}$?

- $\frac{1}{4}$
- $\frac{3}{7}$
- $\frac{6}{8}$
- $\frac{2}{5}$
- $\frac{1}{3}$

32 ÷ -4 =

29 + -44 =

-6 + -8 =

12 + 6 - 6 + 4

Is 20 a composite or a prime number?

Name the shape with eight sides and eight angles.

Insert a comma in the correct place in this sentence.

You did get my message didn't you?

1 km = 1,000 m

12 km = _____ m

Name: _____

Mrs. Hernandez sent an e-mail out to parents asking them to send balloons to class.

Holly brought in $\frac{1}{4}$ as many balloons as Eric. Eric brought in $\frac{1}{3}$ as many balloons as Hannah. Who brought in the most balloons?

Did you guess Hannah? You would be correct. She brought in 96 balloons! How many balloons did Holly and Eric bring to class?

The number 81 is more than the number 6 by how much?

Name the shape with five sides and five angles.

Mary has 44 books. She organized them equally into 4 boxes. How many books in each box?

475 + 7 =

This number is one ten less than 4,549.

A book has 4 pages. Each page has 11 dimes. How many dimes in the book?

9 lb = _____ oz

Circle the correct answer.
I am not (to/too) nervous about the test because I studied hard.

Name: _____

Can 852 be evenly divided by 11? Circle:
852 is evenly divisible by 11
852 is NOT evenly divisible by 11

Rosa wants to call Jessica. Jessica is on vacation in Asia. It is a time difference of nine hours. Jessica's time is always later than Rosa's time. If it is 5:28 P.M. where Rosa lives, then what time is it where Jessica is?

_____

$$\begin{array}{r} 932 \\ -\ 532 \\ \hline \end{array}$$

3 x 11 = _____

How many centimeters are in 20 millimeters?

_____ centimeters

Anna wants Amanda to guess a two digit number. She tells Amanda that her number has two different digits. The digits are 1 and 3. Amanda thinks. She then guesses the number 31. What are the chances that Amanda has guessed correctly?

$$\begin{array}{r} 91 \\ -\ 62 \\ \hline \end{array}$$

24 ÷ 3 = _____

$$\begin{array}{r} 219 \\ +\ 416 \\ \hline \end{array}$$

Write an equation to represent this:

The sum of eight and nine is seventeen.

_____

$$\begin{array}{r} 26 \\ +\ 31 \\ \hline \end{array}$$

Use a dictionary to find the correct pronunciation of this word. Write that pronunciation on the line.

penetrate

_____

Circle the answer that best completes the sentence.

We can have either pizza (or/nor) fish sticks for lunch.

Name: _____

The circus is in town! Tickets are only $6 for kids. Adults need to pay double the price of kids tickets. Megan is bringing two of her friends in her class. Her mom is also coming. Megan wants to pay for everyone. How much will she need to pay?

Circle the addition property for 52 + 99 = 99 + 52.

associative property

commutative property

For 8,674,291,289, write the digit that is in the ten thousands place.

_____

Can 972 be evenly divided by 3? Circle:

972 is evenly divisible by 3

972 is NOT evenly divisible by 3

Amy will win if a random number pulled out of a box is an odd number. 41 pieces of paper, numbered 1 to 41, are put inside a box. What is the chance that Amy will win?

30 ÷ 5 =

In the number 34,473,208, the digit 8 is in what place?

_____

Write a letter that has two or more lines of symmetry.

_____

How many digits are in the number of days in the current month?

_____

7 x 11 =

Write 49,866 in words.

_____

Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

3	4

	4				
		5	6		
		3			6
4			5	2	
				6	
	5		4		

Which is the smallest?

36.5 ÷ 3.2 36.5 ÷ 3.1 36.5 ÷ 3.3

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

six hundred sixty-five thousand, three hundred eighty-three

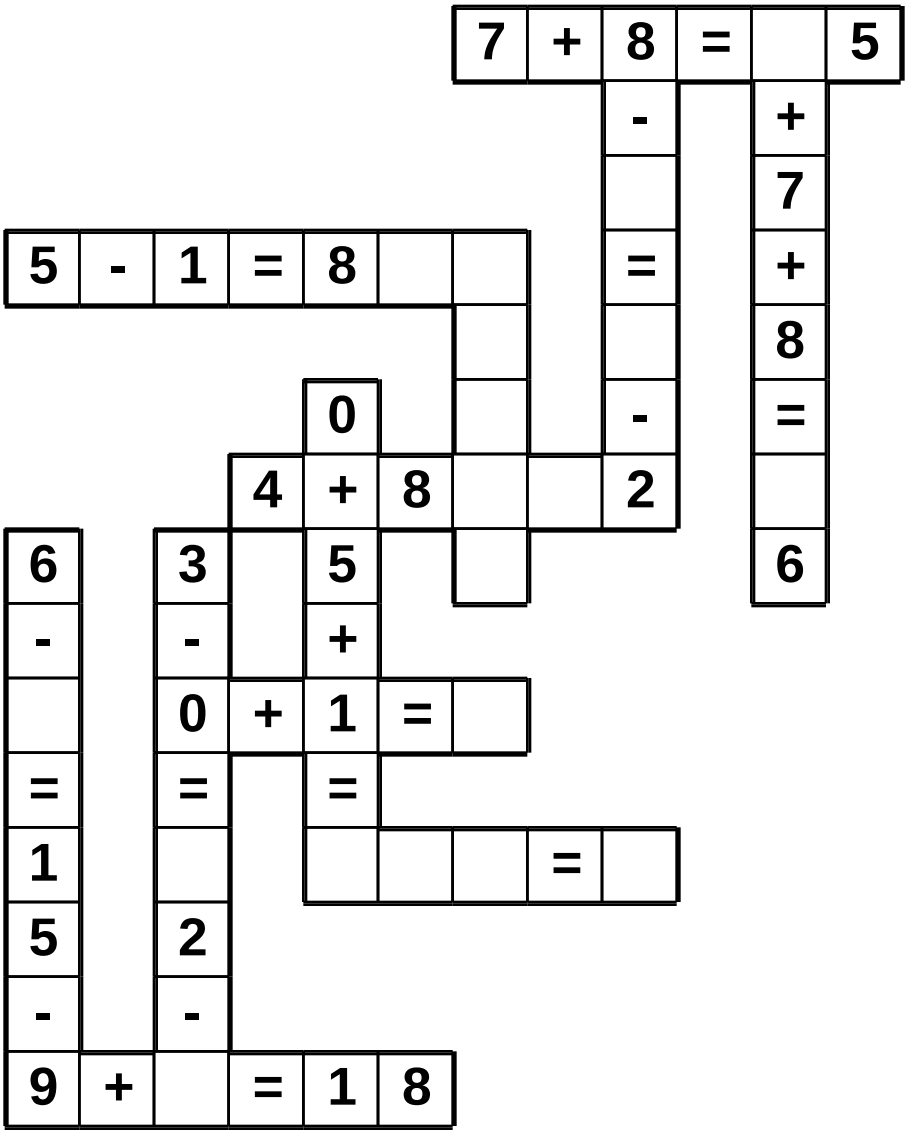
_____

9 x 4 =

Name: _____

1 • 7 • - • 4 • + • 3 • 3 • = • 1 • 1 • 7 • 0 • 1 • 1 • 6 • + • 2 • 8 • 9

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



Holly has two favorite numbers. If you add her favorite numbers, you get 23. If you multiply her favorite numbers, you get 126. What are her mystery numbers?

_____

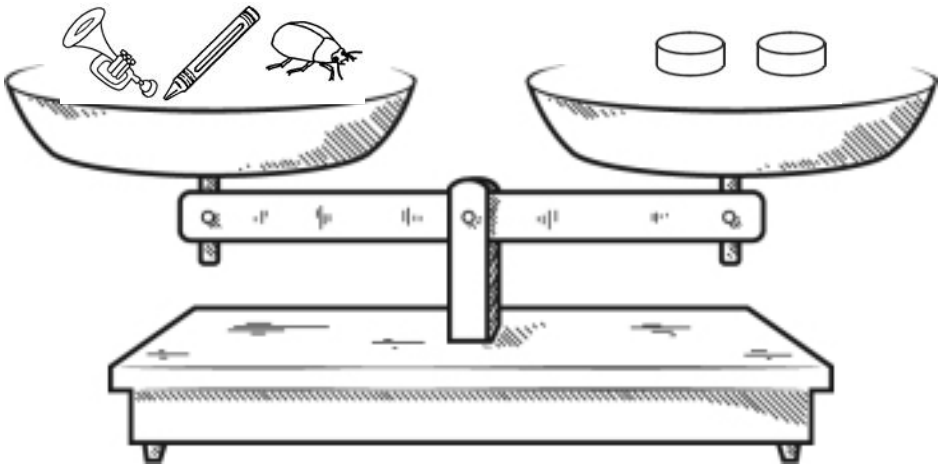
Circle the relative adverb.

Craig, Colorado is where I was born.

21 ÷ 7 =

word root **gress** can mean **step** **progress, digress**

Name: _____



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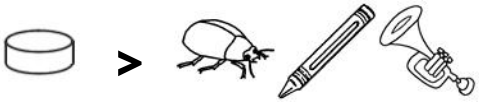
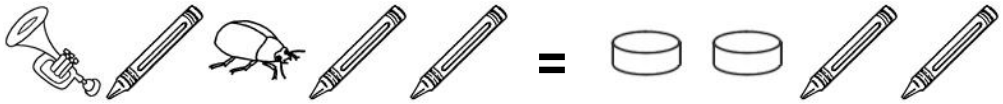
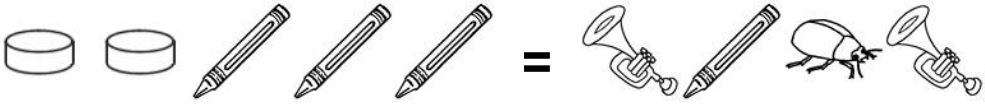


☐ True ☐ False

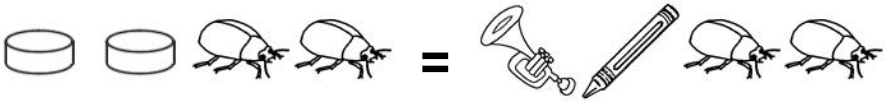


☐ True ☐ False

☐ True ☐ False



☐ True ☐ False



☐ True ☐ False

Did you find that two are true? If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!

Name: _____

X		7	11			7
	___ x ___	___ x 7	___ x 11	___ x ___	44 ___ x ___	___ x 7
	___ x ___	42 ___ x 7	___ x 11	36 ___ x ___	___ x ___	___ x 7
	___ x ___	___ x 7	22 ___ x 11	12 ___ x ___	___ x ___	___ x 7
	___ x ___	___ x 7	___ x 11	___ x ___	___ x ___	49 ___ x 7
3	3 x ___	3 x 7	3 x 11	18 3 x ___	33 3 x ___	3 x 7
11	11 x ___	11 x 7	11 x 11	66 11 x ___	11 x ___	11 x 7
	___ x ___	63 ___ x 7	___ x 11	54 ___ x ___	___ x ___	___ x 7
	32 ___ x ___	___ x 7	___ x 11	48 ___ x ___	___ x ___	___ x 7

Circle the smallest number:

678,475,419,032

9,243,291,053

170,586

123,980,764

In each pair, circle the word that is spelled correctly.

horseback, horsback

nearbye, nearby

volleyball, vollyball

word root **ante** can mean **before** **antenna, anterior**

Name: _____

Simplify by combining like terms.

$15d - 2d + 5d$	$25h + 10h + 6 + 4 - 4h$
$4g + 9g$	$17g - 10g$
$14w - 10w$	$7d + 9d$
$12 + 18b - 4 - 3b - 3b$	$8d - 4d$
$11w + 7w$	$22w - 4w + 8w$
$7k + 8k$	$11a - a$

Name: _____

$$\frac{2}{3} - \frac{1}{9} = ____$$

$$11 - \frac{1}{3}$$

$$\frac{1}{2} + \frac{2}{3} = ____$$

Find the least common denominator.

$\frac{5}{18}$ and $\frac{58}{63}$

Change $\frac{351}{45}$ to a mixed number.

Reduce each fraction to its lowest terms.

$\frac{21}{28} =$

$\frac{14}{18} =$

$\frac{54}{81} =$

$\frac{10}{25} =$

$\frac{2}{18} =$

$\frac{14}{38} =$

Change $\frac{258}{30}$ to a mixed number.

$$3\frac{7}{11} - 1\frac{10}{11} = ____$$

$$7\frac{4}{5} - 3\frac{5}{7} = ____$$

Name: _____

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

2 6 1 7 5

Use the digits to make a 2-digit minus 2-digit subtraction equation. The difference between your numbers should be 9.

Holly has 56 coins. The total value of the coins is $6.35. All she has are nickels, dimes, and quarters. She only wants nickels and dimes, so she gave her brother all of her quarters. There was a total of 6 quarters. How many nickels does she have?

I am a 2-digit number that is divisible by 2 and 6. If you add my digits together, the sum is 9. What number am I?

Name: _____

Mr. King said that it would take approximately 103.22 hours for all the leaves to come off the tree. Round that number to the nearest tenth.

Jenna hugged 12 people on Hug Holiday. Rosa hugged three times as many people as Jenna. How many people did Rosa hug?

Anna has a new job working at Pizzeria Magpie. She loves it, but she can only work four hours on Monday, four hours on Tuesday, and eight hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid $14.40 per hour. How much will her first paycheck be?

Ava is binge watching Season 2 of her favorite series. Each episode is 1 hour and 16 minutes long. She just started watching and hopes to watch for 8 hours today. How many complete episodes will she be able to watch?

word root **meta** can mean **change** **metabolism, metamorphosis**

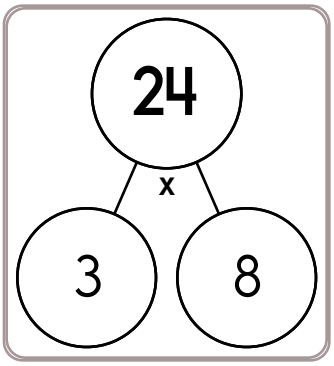
Name: _____

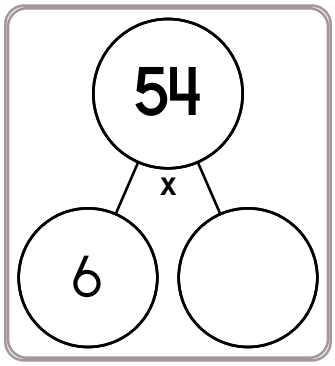
608 ÷ ____ = 76 114 ÷ ____ = 3

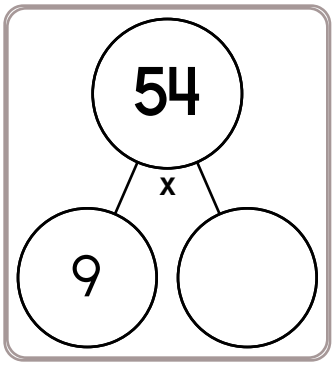
____ ÷ 91 = 3 ____ ÷ 4 = 39

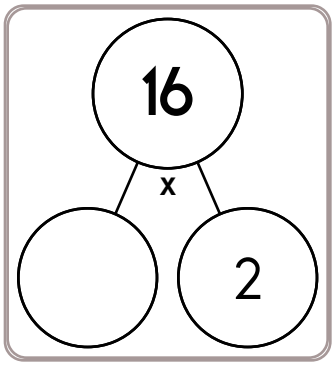
____ ÷ 9 = 68 78 ÷ ____ = 2

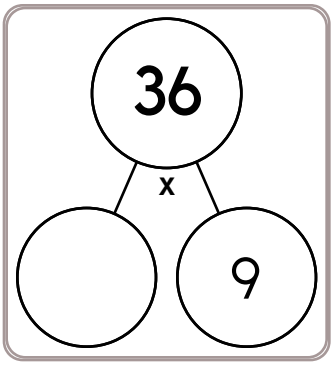
306 ÷ ____ = 9 ____ ÷ 97 = 3

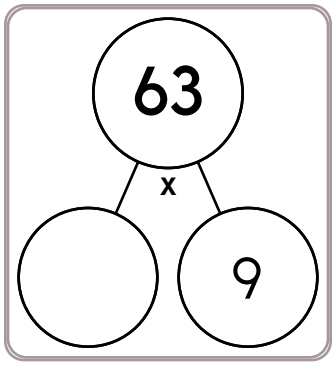


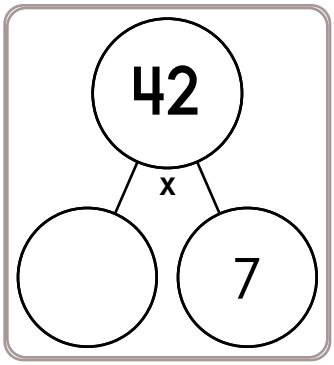


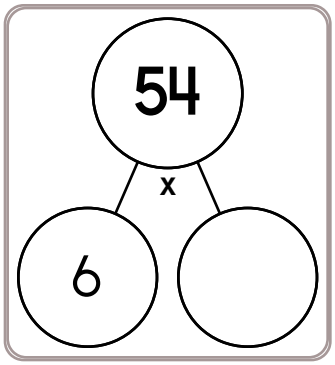












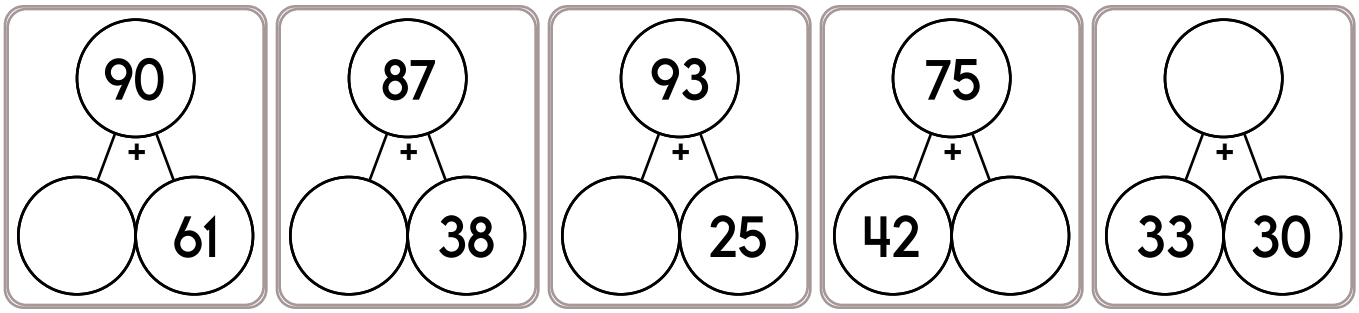
14 ÷ 2 = 12 ÷ 3 = 121 ÷ 11 =

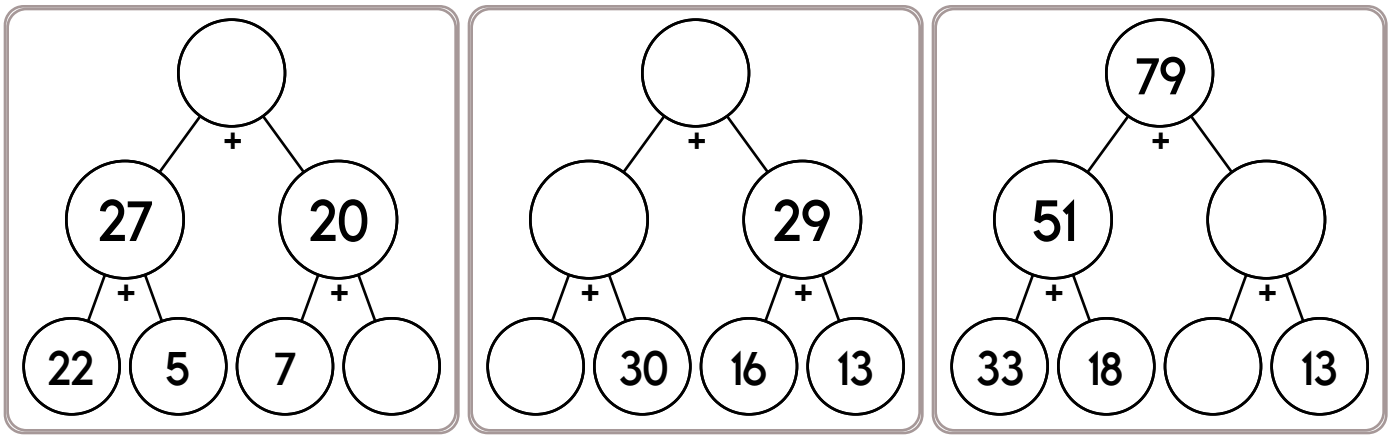
56 ÷ 7 = 60 ÷ 10 = 20 ÷ 2 =

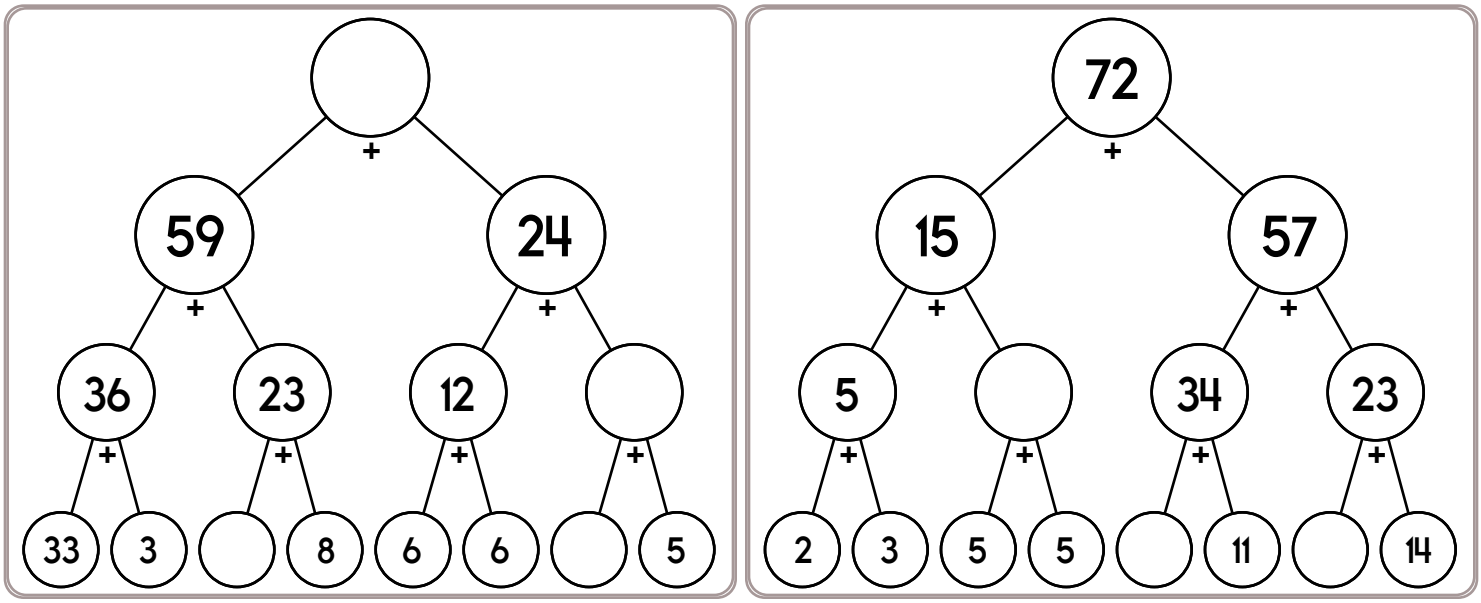
56 ÷ 8 = 36 ÷ 3 = 12 ÷ 4 =

40 ÷ 4 = 20 ÷ 10 = 96 ÷ 12 =

Name: _____







(1 x 1) x 4 + 2

It was 9 degrees below zero in the morning. By afternoon the temperature rose 22 degrees. How warm was it?

How many centimeters in 730.4 meters?

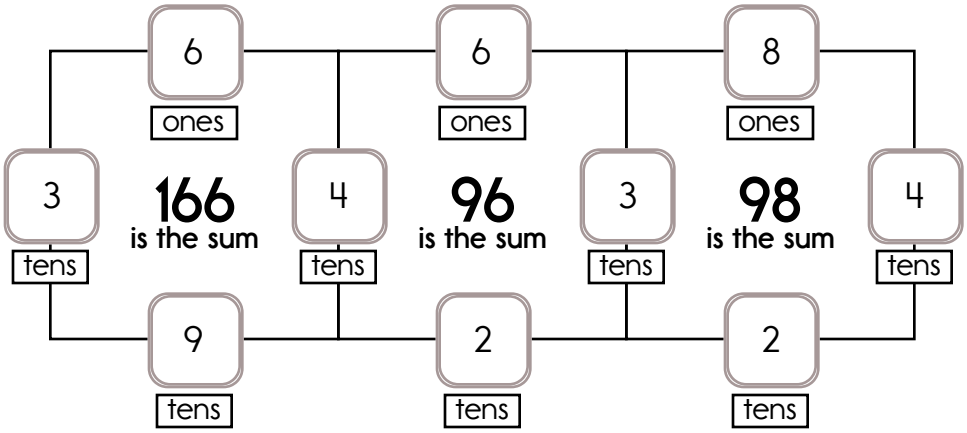
Name: _____

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

Example:
30 + 40 + 6 + 90 = 166

Example:
30 + 40 + 8 + 20 = 98

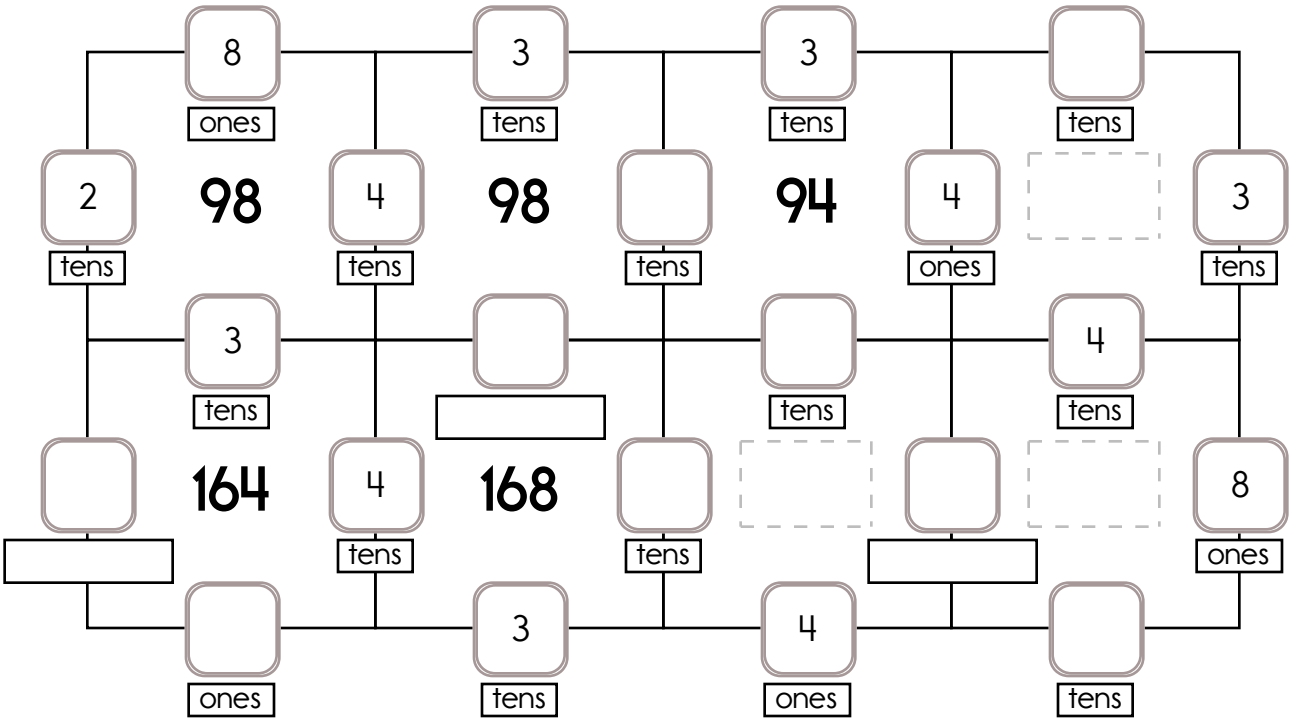
Sample:



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: 6 ones, 8 ones, or 4 ones.

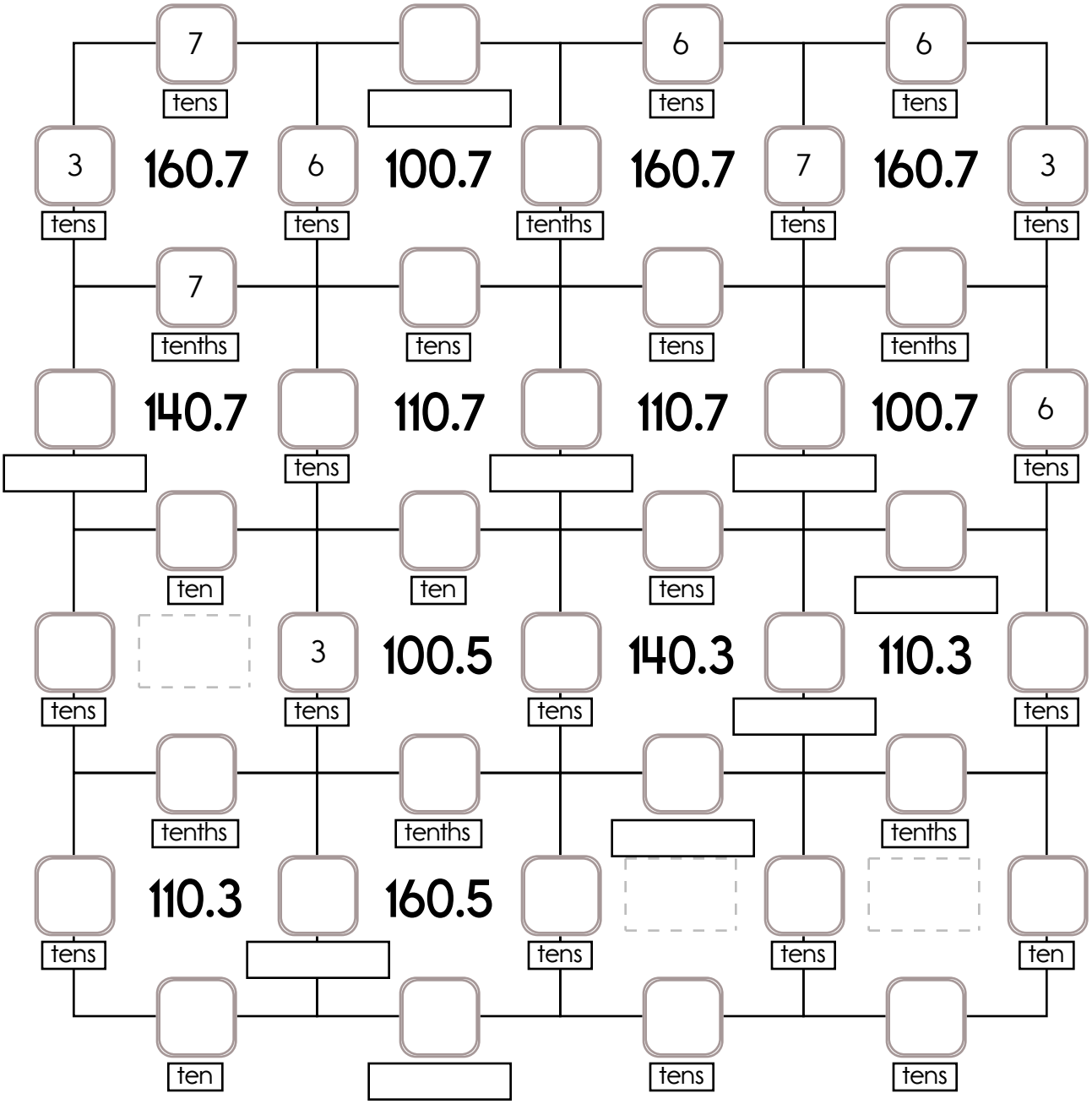
The other three numbers have to all be DIFFERENT and must be from these: 4 tens, 9 tens, 3 tens, or 2 tens.



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: 7 tenths, 3 tenths, or 5 tenths. The other three numbers have to all be DIFFERENT and must be from these: 1 ten, 6 tens, 7 tens, or 3 tens.



Insert a comma in the appropriate place in this sentence.

My mom taught me how to read when I was four so I already knew how when I started school.

Circle the greatest number:

71,492,658 1,399,285

302,746,058 64,107

Name: _____

Complete each analogy with the best word.

The Sphinx	house
The Great Wall	covering
head	loud
hit	Statue of Liberty
Big Ben	cold
ears	feet
papyrus	pyramids
Pharaoh	floor
linoleum	honk
hands	Egypt

Paris : Eiffel Tower ::

Egypt : _____

shingle : roof ::

carpet : _____

bank robbers : bank ::

tomb raiders : _____

phone : ring ::

horn : _____

(4 + 8) + 5 =

Which reference material would you consult to find the answer to this question?

What is a synonym for the word "hyperactive"?

_____

Can 424 be evenly divided by 8? Circle:

424 is evenly divisible by 8

424 is NOT evenly divisible by 8

Circle the digit in the hundredths place.

4,134.67

Insert a comma in the appropriate place in this sentence.

I wanted to watch the president's speech but I fell asleep.

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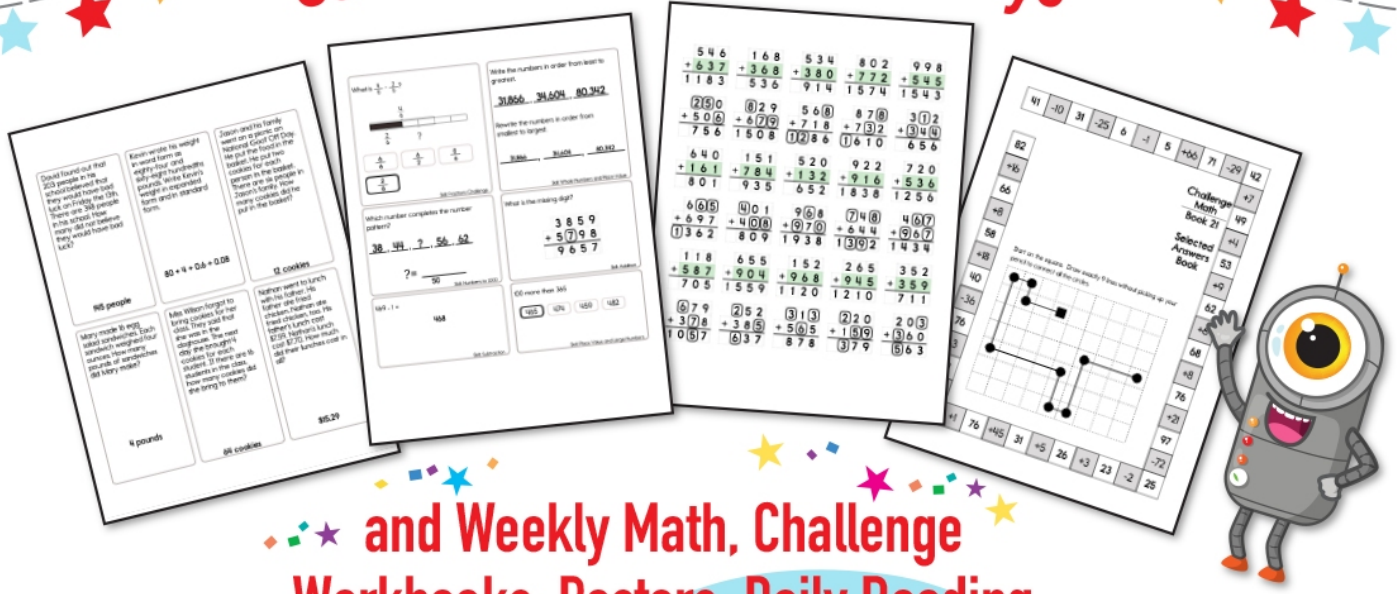

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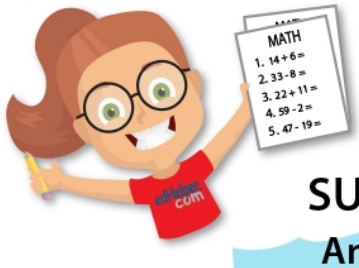

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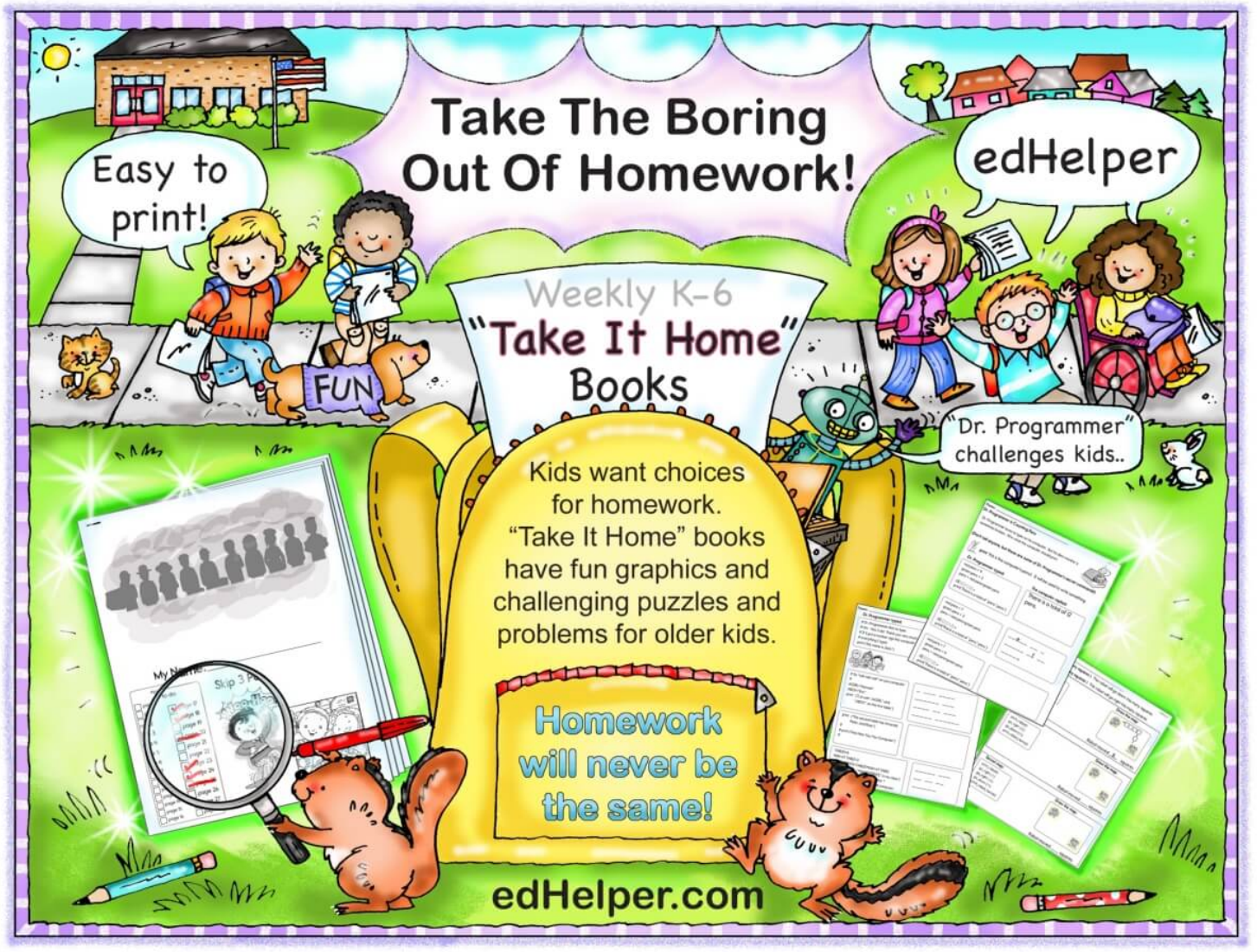
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