Name: _____

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

75% of 88	44% of 150	30% of 70	20% of 185
92% of 150	98% of 100	50% of 98	49% of 100
70% of 140	86% of 100	40% of 150	15% of 140
43% of 200	69% of 200	74% of 50	80% of 75

Yummy Donuts gave three dozen chocolate donuts and four dozen jelly donuts to the school. How many donuts did they give?

It was 81 degrees outside. What would the temperature be if it got 20 degrees colder?

80 divided by 10 equals

A toy car can go 5 mph. How long would it take to go 6 miles?

7 - 6 + (1 x 4)

Know how many inches in a foot? Okay, smarty pants, how many inches in 4 feet?

$\frac{1}{2401}, \frac{1}{343}, \frac{1}{49}, _____,$

(1) , (7) , (49) , (343) ,

(2,401) , (16,807)

6 + 12 ÷ 4

$7 \div \frac{1}{5}$

word root **phylo** can mean **kind** **phylum**

Name: _____

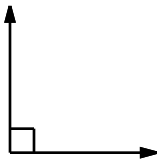
Write each as a decimal.

62.3% as a decimal is _____

2 thousandths as a decimal is _____

48% as a decimal is _____

$12\frac{6}{10}$ as a decimal is _____



What kind of angle is this?

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

The radius of a circle is 482 cm. What is the diameter of this circle?

It was 4 degrees above zero in the morning. By afternoon the temperature rose 20 degrees. How warm was it?

7, 9, 11, 13, 15, 17, 19, _____, 23, 25

1 cm = 10 mm

16 cm = _____ mm

110 ÷ 11 =

621 + 465 = _____

Name: _____

Fill in the blanks with >, =, or the < sign.

-950 _____ 6,800

-890,000 _____ -114,000

410,000 _____ -670

-16 _____ 4

-28 + 17 =

4 - 3 - 8 =

$\frac{-28}{-4}$ =

Write the missing family fact.

4 x 18 = 72

72 ÷ 4 = 18

18 x 4 = 72

19, 26, 36, 49, 65,

_____, 106, 131, 159,

190, 224

Write $\frac{3}{6}$ in lowest terms.

Emily rolls a die. What is the chance of her rolling a 2?

_____

5 x 8 = _____

4 x 10 =

Name: _____

Mr. Martinez likes to buy vegetables and fruit from roadside stands. Yesterday he bought 3.2 pounds of apples at $1.18 per pound, 2.4 pounds of grapes at $1.52 per pound, and 6.5 pounds of red potatoes at $0.85 per pound. He paid for his purchases with a $50-bill. How much change did he get?

Hannah wrote a report about Sally Ride for her science class. It took her an hour and 39 minutes to write the report. If she began writing at 11:49 a.m., what time did she finish the report?

Adam is attending the World Eskimo-Indian Olympics. He can go to either the Blanket Toss or the Greased Pole Walk. He can choose either the qualifying rounds, the semifinals, or the finals of the events. He can buy only one ticket. How many choices does he have?

$35 \div 5 =$ _____

$$\begin{array}{r} 212 \\ +\ 498 \\ \hline \end{array}$$

Rose is a family friend. She will be picking you up from school and driving you to the closest library. Where should she go? Write instructions to explain how she could get there and where you will be going.

$$\begin{array}{r} 353 \\ -\ 163 \\ \hline \end{array}$$

$18 \div 6 =$

Rewrite these in increasing order of length:

707 dm, 17 km, 1 m

Name: _____

Sudoku Sums of 9

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 9.

Here is an example of a sudoku sum of 9: | 1 | 8 |

		8			6			
	7	2	8	5				
3				9				
8			6		4		7	
		9		7				2
7			3				6	
5	9		1	4	8			
		1				4		3
							8	1

$$\begin{array}{r} 49 \\ +\ 40 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ -\ 15 \\ \hline \end{array}$$

For 14,686,268,752,447, write the digit that is in the hundred thousands place.

_____

Emma is younger than April. Emma is older than Megan. Who's the oldest?

Name: _____

18 ÷ 2 = _____

How many kilograms are in 8,000 grams?

_____ kilograms

What is the largest possible product of a two-digit number and a three-digit number? Show the two numbers.

23 lb = _____ oz

Circle the digit in the tenths place.

8,856.341

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

four hundred seventy-three thousand, four hundred eighty

_____

Erin and Hannah are playing a number game.
Erin says 16. Hannah replies that the answer is 2.
Erin says 32. Hannah replies that the answer is 4.
Erin says 72. Hannah replies that the answer is 9.
Erin says 8. Hannah is thinking. What number should Hannah reply with?

5 x 3 = _____

8 x 3 = _____

4 x 3 =

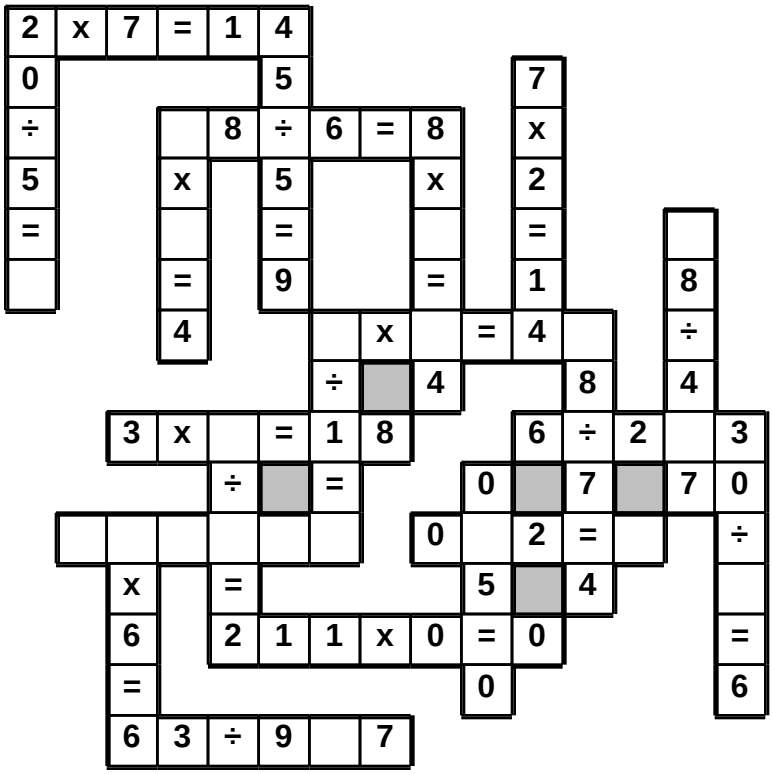
99 ÷ 9 = _____

Rosa and her little sister, Holly, both have birthdays on the same day. Rosa is fourteen years old. Holly is nine years old. Did you know that Rosa was once double the age of Holly? How many years ago was that?

Name: _____

4 • 1 • 8 • 2 • 4 • 7 • 6 • 2 • 6 • = • 2 • 1 • ÷ • 3 • = • 7
x • 0 • 5 • =

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



4,817 - 4,543 = _____

Circle the smallest number:

6,584,739,012

73,261,804

90,318,265,479

2,078,931

(6 + 9) + 6 =

9 x 12 = _____

Which is the better buy? Five bags of candy for $25 or seven bags of candy for $56?

42 ÷ 7 = _____

word root **form** can mean **shape** **uniform, transform**

Name: _____

Jessica, Cameron, Jennifer, and Kyle each measured the size of their rectangular rooms. They each wrote down the width and length of their rooms on the board. The width of the 4 rooms are 17 feet, 14 feet, 10 feet, and 11 feet. The length of the 4 rooms are 17 feet, 20 feet, 24 feet, and 15 feet.

Figure out the width and length of each person's room.

1. Kyle's room is in the shape of a square.
2. If the length of Jennifer's room is increased by six feet, the perimeter will be increased by twelve feet.
3. If the width of Jessica's room is tripled, the perimeter will be increased by fifty-six feet.
4. Jennifer's room has a perimeter of sixty-eight feet.
5. The length of Cameron's room is four feet longer than the width.

Jessica has a room with a width of _____ and a length of _____.

Cameron has a room with a width of _____ and a length of _____.

Jennifer has a room with a width of _____ and a length of _____.

Kyle has a room with a width of _____ and a length of _____.

Circle the addition property for 50 + 54 = 54 + 50.

commutative property

associative property

10 x 10 = _____

What time is 15 hours after 1:00 a.m.?

_____

932 + 642 = _____

14 ÷ 2 = _____

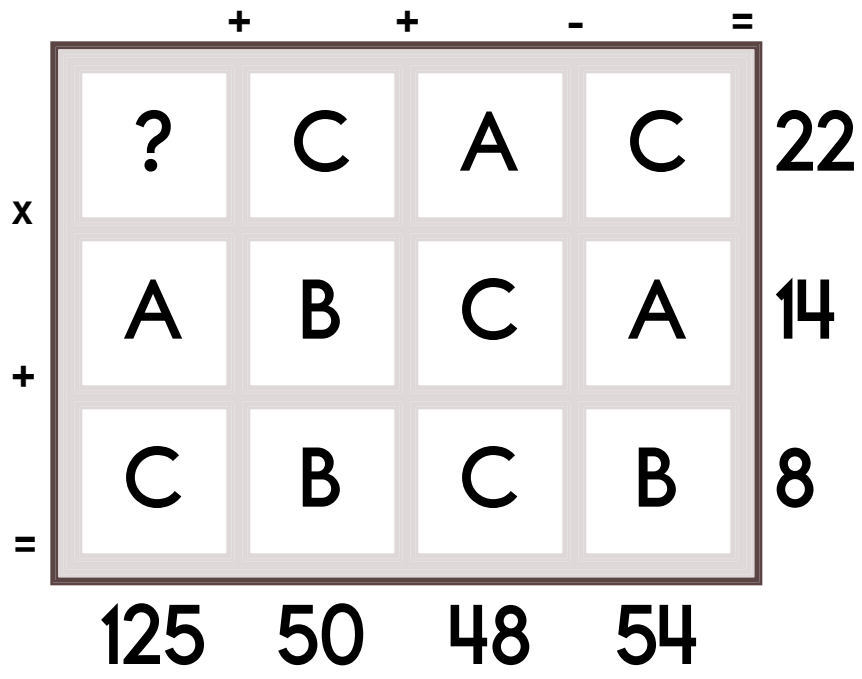
Can 296 be evenly divided by 8? Circle:

296 is evenly divisible by 8

296 is NOT evenly divisible by 8

word root **cle** can mean **small** **minuscule, receptacle**

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

A + B + C - A = 14 C x A + __ = 54

__ x __ + __ = 50 __ + __ + __ - __ = 8

__ x __ + __ = 48

Additional hints:

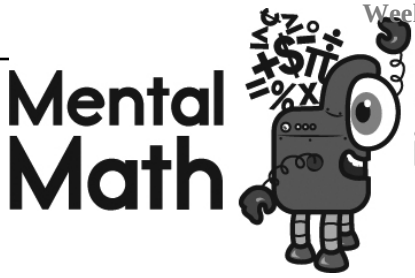
A = C + 7 C < 11

Solve:

? = __

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?



A	B	C	D
imagine 5 in your head	imagine 4 in your head	imagine 3 in your head	imagine 3 in your head
multiply 4	add 1	add 4	multiply 10
double it	subtract 5	double it	double it
	add 7	add 9	add 9
	double it		add 5
Add the tens digit to the ones digit. Write the sum.	Write the tens digit.	Write the tens digit.	Write the ones digit.
____	____	____	____

What is the sum?

A + B + C + D

____ ____

Wow! Great job! That's the answer, but do you know how to SPELL the number?

____ ____ ____ ____ **e** **n**

2 before 12 _____	3 after 18 _____	9 before 16 _____
5 before 17 _____	5 after 15 _____	3 before 19 _____
7 before 18 _____	4 after 11 _____	4 before 13 _____
1 before 15 _____	6 after 16 _____	8 before 11 _____

Name: _____

primitives • badgers • accustom • knockouts • responsive • vital

Each row, column, and box must have all the words from the word list. Write in the missing words.

	badgers				
			responsive		
badgers			**accustom**		
				badgers	**primitives**
					responsive
vital	**accustom**				

Fill in the missing operations to complete this equation:

33 ____ 11 ____ 42 = 45

Can 790 be evenly divided by 7? Circle:

790 is NOT evenly divisible by 7

790 is evenly divisible by 7

6 x 2 = _____

8 ÷ 4 = _____

Write an equation to represent this:

The difference between twelve and four is eight.

_____

843 - 519 = _____

In the number 939,625,710,122, the digit 5 is in what place?

_____

word root **tion** can mean **act or state** **creation, invention**

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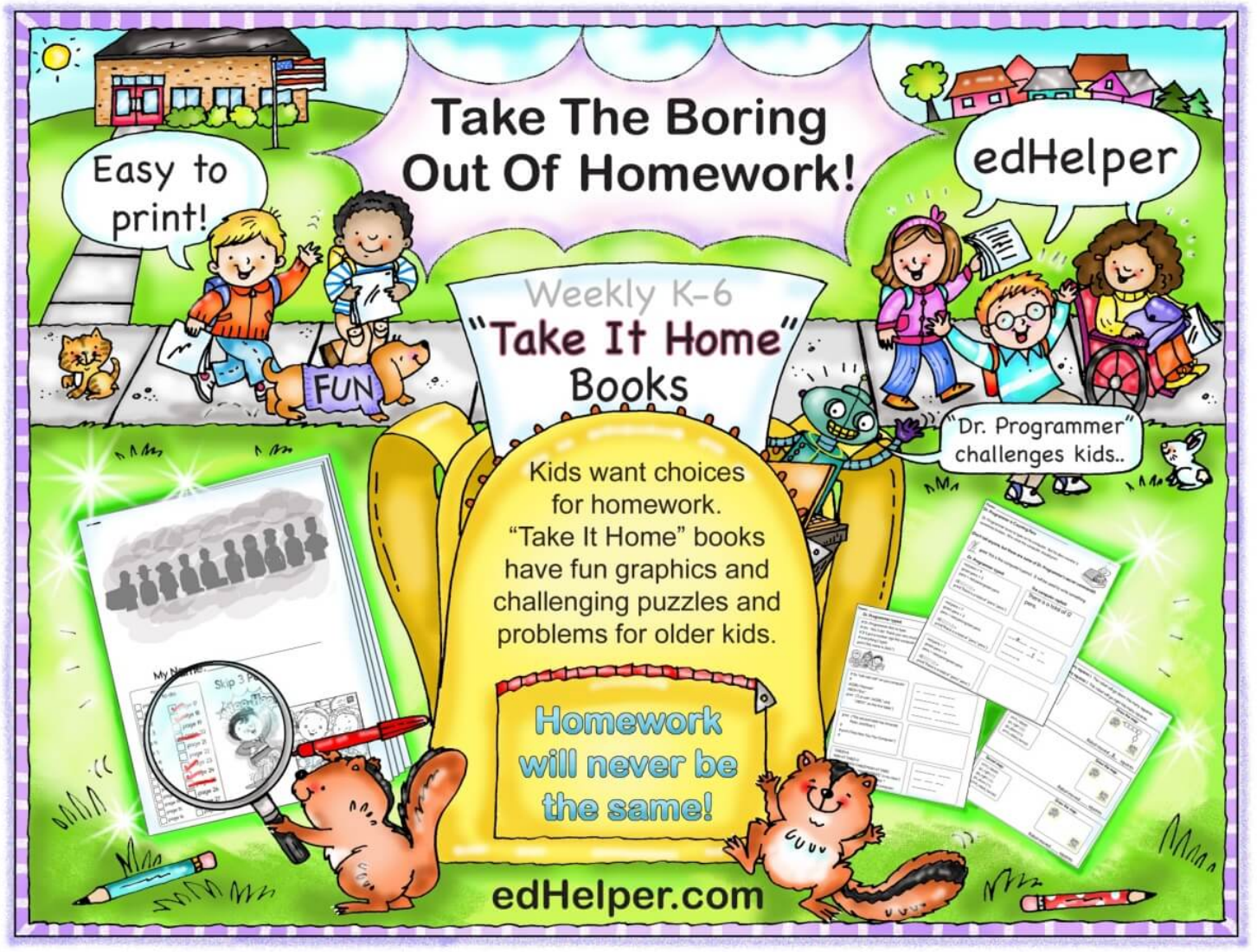
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