

Name: _____

Hannah wrote three entries in her diary this week. She wrote fifty-three words on Monday, fifty-seven words on Tuesday, and eighty-three words on Friday. What was the average length of her three diary entries?

Dr. Martin bought 39 toothbrushes and 48 tubes of toothpaste to give to his patients. He will put them in bags, all with the same number of toothbrushes and the same number of tubes of toothpaste. What is the greatest number of bags he can make?

Rose had some pieces of wood to make a picture frame with a perimeter of 82 inches. Two of the pieces of wood are 21 inches long each. The other two pieces are equal in length. How long are the other two pieces of wood?

A cookie recipe calls for $\frac{3}{4}$ cup of granulated sugar and $\frac{1}{3}$ cup of powdered sugar. If Alex doubles the recipe, what is the total number of cups of granulated sugar and powdered sugar he will need?

Maria spent \$25.62 on a shirt and \$62.62 on a pair of shoes. She had \$9.25 left after her purchases. How many did she have before she bought the shirt and shoes?

Amanda used an entire 30-yard roll of masking tape to make a cardboard house for her little sister. How many inches of masking tape did she use?

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There are approximately 178,000 speakers of the Navajo language in the United States and approximately 204,000 speakers of other Native American languages. Write the ratio of Navajo speakers to speakers of other Native American languages as a fraction in lowest terms.

Anna is helping her parents plan a trip to Hawaii this summer. Using a map and map scale, she found out that the distance from Washington, D. C., to Honolulu is about 5,100 miles. The distance measured on the map is 20 inches. What is the map scale?

Gavin made a wooden chest for his mother's notary public seal, stamp, stamp pad, and book. The inside measurements of the chest were nineteen inches by twelve inches by eight and two tenths inches. What is the volume of the chest?

The Coca-Cola Company donated 40 cases of Coke products for the Mars Middle School annual picnic. There are 3 dozen bottles per case. Each bottle contains 16 ounces of beverage. How many pints of Coke did the Coca-Cola Company donate?

One kilobyte of data is about $\frac{2}{3}$ page of text. In the late 1970's, a 5-1/4 inch floppy disk held about 150 kilobytes. About how many pages of text could two 5-1/4 disks hold?

Name: _____

Cross off the number that does NOT belong.

$$8, 9, 8\frac{7}{8}, 8\frac{2}{8}, 9\frac{2}{8}, 8\frac{4}{8},$$

$$9\frac{4}{8}, 8\frac{6}{8}, 9\frac{6}{8}, 9, 10$$

There are two ~~Why does~~ _____ not belong in the pattern?
both.

Cross off the number that does NOT belong.

300, 272, 244, 232, 219, 194, 172, 150, 131, 112, 96, 80, 67, 54, 44, 34, 27, 20

Why does _____ not belong in the pattern?

Name: _____

Mr. Moore made a pot of tea at his restaurant. The pot holds 15 servings of tea. If each serving is $3\frac{2}{3}$ oz, how many ounces of tea does the pot hold?	There are 12 quarts of ice cream on the store shelf. How many gallons of ice cream is this?	Hannah used a rectangular glass container to make a terrarium on Quiet Day. The container is 4 feet x 1.2 feet x $\frac{1}{2}$ feet. She will fill $\frac{1}{4}$ of it with dirt. How many cubic feet of dirt will she need?
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1 km = 1,000 m 25 km = _____ m	What number is halfway between 4 and 12?	11 x 8 = _____
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Rewrite these in increasing order of length: 363 mm, 1 cm, 413 dm, 237 km, 36 m	24 ÷ 6 =	$\begin{array}{r} 777 \\ - 381 \\ \hline \end{array}$
	36 ÷ 9 =	

34,273 + 81,892 = _____	Can 224 be evenly divided by 7? Circle: 224 is evenly divisible by 7 224 is NOT evenly divisible by 7
$\begin{array}{r} 35 \\ + 36 \\ \hline \end{array}$	

Name: _____

$132 \div 12 =$ _____	How many feet are in 9 yards? _____ feet	$8 \times 5 =$ _____
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$\begin{array}{r} 27 \\ - 15 \\ \hline \end{array}$	<p>The letters C and H each have a line of symmetry. Name another letter between C and H that has a line of symmetry.</p> <p>_____</p>	$21 \div 3 =$ _____	$\begin{array}{r} 253 \\ + 413 \\ \hline \end{array}$
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<p>What time is 15 hours after 2:00 a.m.?</p> <p>_____</p>	<p>Write the numbers 30 to 60 on a sheet of paper. How many of these numbers are divisible by 2?</p> <p>_____</p>	$6 \div 3 =$ _____
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$9 \times 12 =$	<p>Emily makes a basket for every four attempts that she makes. Anna needs seven attempts to make a basket. Each basket is worth 2 points. If they each make 84 attempts, then what is the score?</p>	$48 \div 6 =$ _____
		$99 \div 11 =$ _____

<p>What number is halfway between 32 and 45?</p>	<p>Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 4, 9, 7, and 9. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.</p>
<p>17 cm = _____ mm</p>	

Name: _____

In the number 618,975, the digit 6 is in what place? _____	791 - 553 = _____
-------------------------------------------------------------------	-------------------

Circle the greatest number: 8,057,193 4,265 386,015,427,916 738,042,196	954 - 824 = _____
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Adam has no pennies. Adam has three dimes and one quarter. He also has one other coin that is different from the rest of his coins. How much could he have?	The boys in your class each were given a ticket with a number on it. The numbers given out were: 3, 22, 11, 36, 4, 34, and 9. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 4?
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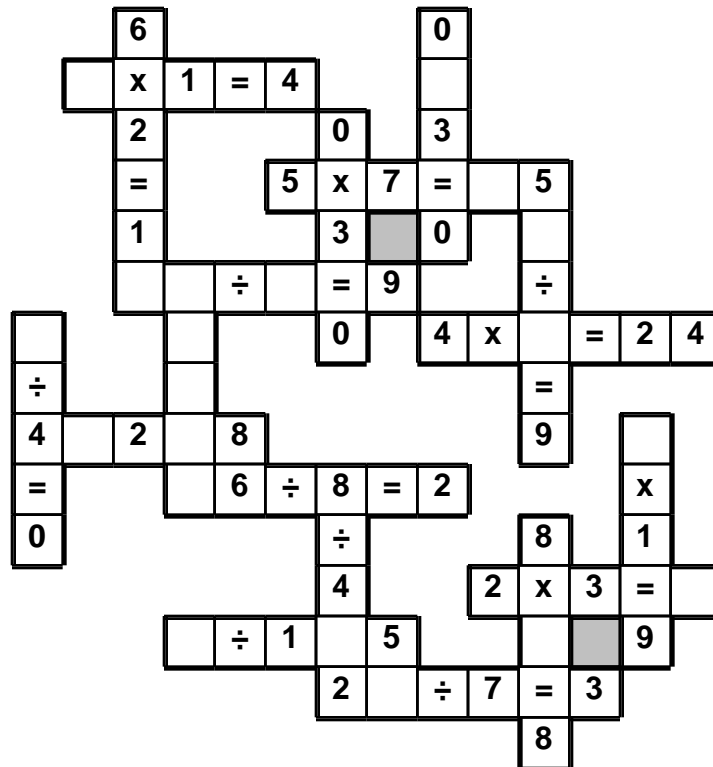
Circle the addition property for $32 + 62 = 62 + 32$. associative property commutative property	$108 \div 12 =$ _____	$9 \times 12 =$ _____
	$7 \times 10 =$ _____	

Here is a pattern of letters: R M M B S R M M B S R ... What letter will be the 22th term in the pattern?	Anna rolls a die. What is the chance of her rolling a 5? _____
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Name: _____

4 • ÷ • 3 • 4 • 2 • 7 • 3 • 0 • ÷ • 6 • 7 • x • = • 9 • 1 • 6
5 • = • 1 • 1

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



$(5 + 4) + 9 =$

$10 \times 7 =$ _____

$6 \times 3 =$

$4 \times 5 =$ _____

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

two hundred seventy-four thousand, five
hundred seventy-two

$3 \times 4 =$ _____

$5 \times 3 =$ _____

$5 \times 6 =$ _____

$11 \times 9 =$ _____

Name: _____

The EdHelper track team has four members: Alyssa, Austin, Jason, and Ethan. Today, they each walked and ran. The coach calculated the distance each walked (1.85, 1.805, 1.857, and 1.085 miles) and ran (7.12, 12.70, 11.36, and 10.84 miles). The coach forgot to write down the names next to the distances.

Figure out the distance that each person walked and ran.

1. Ethan walked more than one and eighty-five hundredths miles.
2. The person that walked one and eight hundred fifty-seven thousandths miles, ran seven and twelve hundredths miles.
3. The person that walked one and eighty-five hundredths miles, ran eleven and thirty-six hundredths miles.
4. Jason walked one and eighty-five thousandths miles.
5. Jason ran more than ten and eighty-four hundredths miles.
6. The number of miles walked by Alyssa, rounded to the nearest tenth, was one and eight tenths miles.

Alyssa walked _____ miles and ran _____ miles.

Austin walked _____ miles and ran _____ miles.

Jason walked _____ miles and ran _____ miles.

Ethan walked _____ miles and ran _____ miles.

$511 + 814 =$ _____

For 481,879,983,261, write the digit that is in the hundred thousands place.

Kevin took three numbers greater than 1 and multiplied them. One number was seven and the other number was thirteen. Of course, he forgot the last number, but he remembered the product was 101. Is this possible?

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Find 2 equations hidden in each box. Good luck!

$972 + 5$ 718 $562 + 2$ 340
 545 450 957 $2 + 455$ 617
 590 $587 + 3$
 179 $3 + 667$
 615 $822 + 9$ $178 + 1$
 589 + 7

Write 2 equations: _____

9×2 4×3 32 3×5
 12 24 9×8 8
 3 1×9 8×6
 0 4 9
 6×1
 16

Write 2 equations: _____

$4 - 3$ 2
 $9 - 5$ $6 - 4$
 8 5 1 $7 - 0$

Write 2 equations: _____

Name: _____

$$-5 + -7 =$$

$$2 - 3 - 2 =$$

$$-5 - 3 =$$

$$-3 + 11 = \underline{\hspace{2cm}}$$

$$-27 + 24 =$$

$$14 - 7 = \underline{\hspace{2cm}}$$

$$14 + -7 = \underline{\hspace{2cm}}$$

$$14 - 7 = \underline{\hspace{2cm}}$$

$$14 + -7 = \underline{\hspace{2cm}}$$

On a number line, what is
the number that is 9
spaces right of -5?

$$-10 \times -1 =$$

$$16 + -2 = \underline{\hspace{2cm}}$$

$$16 - 2 = \underline{\hspace{2cm}}$$

$$-9 + 3 =$$

$$-24 \div -6 =$$

$$26 + -38 =$$

$$8 + -9 =$$

$$7 - 15 =$$

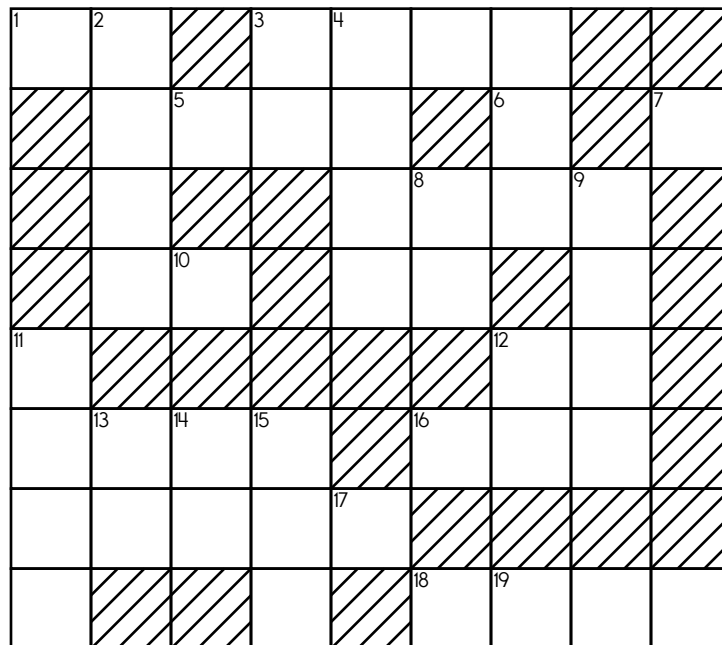
Name: _____

ACROSS

1. What is the lowest common multiple of 17-Across and 3-Down?
4. What is the lowest common multiple of 12-Across and 6-Down?
7. The ones in 18-Across
8. Its digits total 13
10. Six less than 14-Down
12. The factors of 40 are 1, 2, 4, 5, 8, 10, __, 40.
16. Average of 4-Down and 14-Down
17. One-seventh of 6-Down
18. Average of 13-Down and 9-Down

DOWN

1. The thousands in 4-Down
2. the hundreds in 18-Across + the thousands in 9-Down + the tens in 16-Across
3. The factors of 54 are 1, 2, 3, 6, 9, __, 27, 54.
4. **one thousand, eight hundred forty-five**
5. How many factors does 42 have?
6. First composite number after 14-Down
8. The factors of 52 are 1, 2, 4, __, 26, 52.
9. eight thousand, nine hundred nine
11. the ones in 14-Down + the tens in 16-Across + the thousands in 18-Across + the hundreds in 4-Down
13. What is the lowest common multiple of 14-Down and 10-Across?
14. 13
15. Eight times 6-Down
19. One-fourth of 12-Across



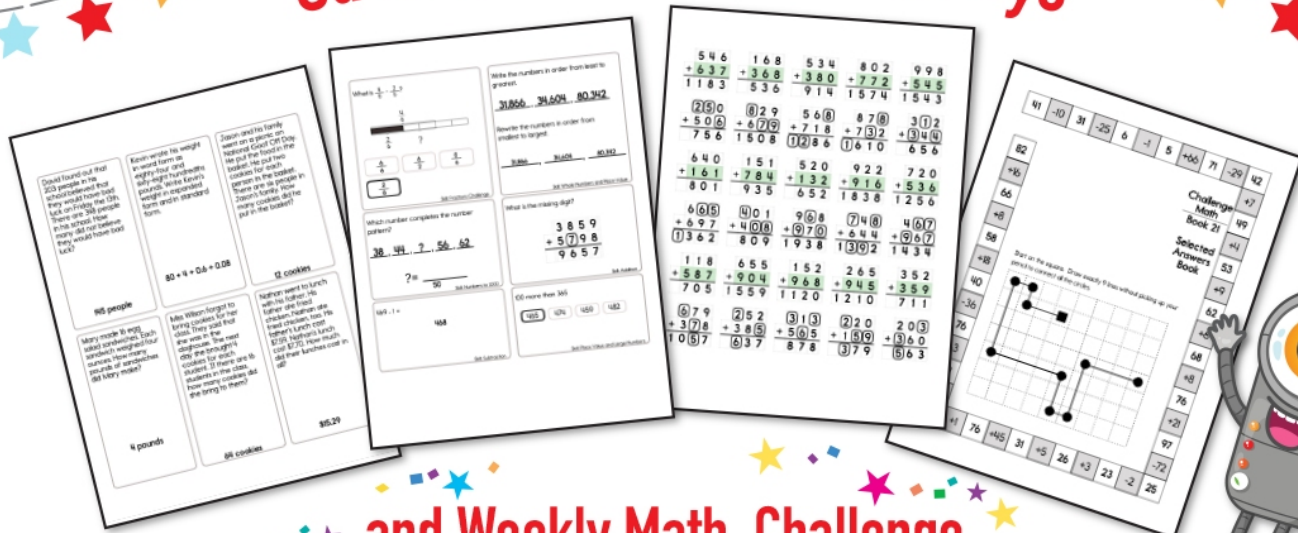
$$-12 - 11 =$$

$$10 - 6 = \underline{\quad}$$

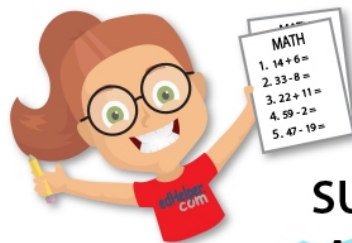
$$10 + -6 = \underline{\quad}$$

On a number line, what is the number that is 5 to the left of 4?

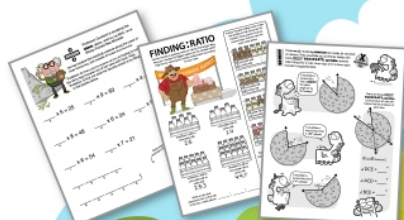
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