

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

81	61	17
39	40	32
69	20	58
70	94	99

Find an addition fact.

B

42	64	1
50	35	45
88	54	91
76	78	51

Find an addition fact.

C

64	90	73
42	84	52
80	69	86
82	51	30

Find an addition fact.

Equations:

Write the equation facts you found.

A	61	+	20	=	81
B	1	+		=	
C	52	+		=	

Use a scrap piece of paper.

Mrs. Wilson bought 17.5 pounds of tomatoes for the Hamburger Day Cookout. The tomatoes cost \$0.64 per pound. What was the total cost of the tomatoes?

Mr. Johnson bought popcorn for his class at the magic show. Twenty bags of popcorn cost \$24.58. What did one bag of popcorn cost?

The Daily Dozen Donut Company makes 1,020 donuts every day. How many donuts does the company make in 3 weeks?

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

sum of 9 ↓	sum of 7 ↓		sum of 8 ↓	sum of 6 →			sum of 6 ↓
		sum of 3 ↓	4	sum of 8 ↓		sum of 10 ↓	1
				1	sum of 7 →		
					sum of 4 ↓		3
		sum of 5 ↓	sum of 8 →		1		
sum of 10 →					1		sum of 6 ↓
sum of 7 →					2		
	sum of 9 →		5				

sum of 4 ↓	sum of 3 ↓	sum of 3 ↓	sum of 9 ↓		sum of 5 ↓	sum of 6 ↓	sum of 8 ↓
			2	sum of 4 →			
				sum of 6 ↓			
	sum of 4 →			1			
	sum of 3 ↓				sum of 6 ↓		sum of 8 ↓
		sum of 6 →					
sum of 4 →							
sum of 4 →	1	1	2	sum of 8 →		3	

$\begin{array}{r} 36 \\ + 29 \\ \hline \end{array}$	<p>In the number 24,781,093, the digit 2 is in what place?</p> <p>_____</p>	<p>29 cm = _____ mm</p>
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<p>Rosa wrote down a fraction on a piece of paper. If you take her fraction and multiply it by four you get eleven. Can you guess what her fraction is?</p>	<p>$(5 + 3) + 4 =$</p>	$\begin{array}{r} 976 \\ - 312 \\ \hline \end{array}$
<p>Choose the correct pronoun and write it on the line.</p> <p>This is the house (which/that) Jack built.</p> <p>_____</p>		

<p>How many yards are in 6 feet?</p> <p>_____ yards</p>	<p>For 9,121,522,735,803,027, write the digit that is in the hundred thousands place.</p> <p>_____</p>
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Name: _____

The ugly old witch wanted a new mirror. Her old mirror was too small. After all, she thought she was so pretty. She wanted a mirror that was at least 6.5 feet long and 5 feet wide! What will the area of the new mirror be?

Mary left her house at 11:17 a.m. She arrived at the newspaper office 40 minutes later. She spent 39 minutes working on her story and then took a 15-minute break. At what time did she finish her break?

Rose and Ava are at the paint store. They want to paint 3 rooms in their house. Each room has 350 square feet of wall to be painted. "How much paint do you think we should get?" Rose asks Ava.

"This 1 gallon of paint says it should be enough to cover 190 square feet," replies Ava. How many gallons should they get? The store only sells whole gallons.

Maria likes to multiply a number by itself. Why? Nobody knows!

"If I take my favorite number and multiply it by itself, the product will be only 17 away from 53. Can you guess my favorite number?" asks Maria.

Name: _____

Draw a line from START to END.

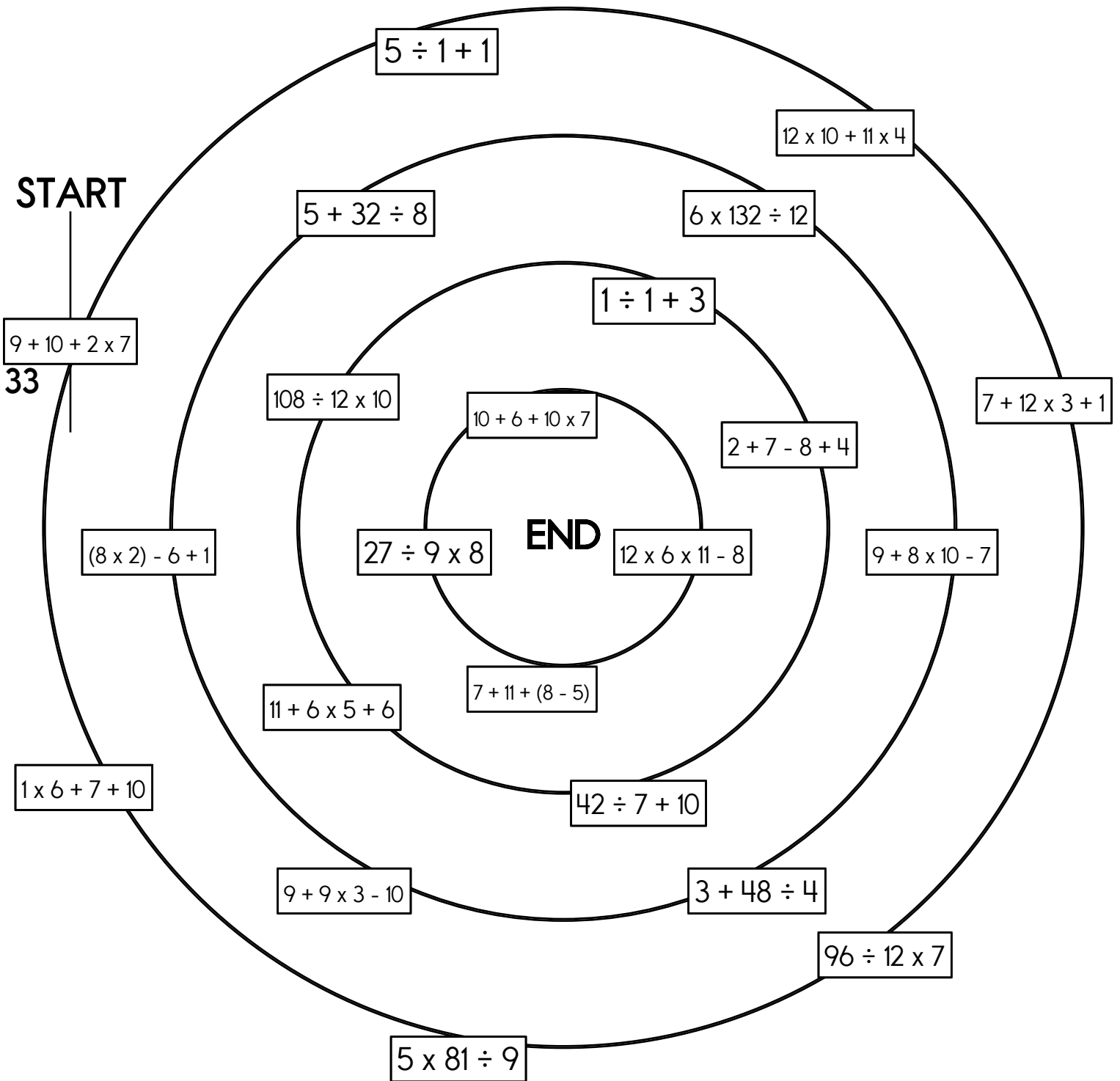
16

66

86

~~33~~

Cross out the number you use above and then write it below.



Name: _____

<p>Emma spends $1\frac{2}{3}$ hours each day working on her homework. How many hours does she work on homework in 6 days?</p>	<p>Mrs. Hall made some salads. She put 3 tomato slices and 4 olives on each salad. If she used 18 tomato slices, how many olives did she use?</p>	<p>Jack needed a new light bulb for his lamp. He could not read in the dark! He could buy 4 bulbs for \$8.20. What was the cost of one bulb?</p>
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<p>What time is 13 hours after 1:00 a.m.? _____</p>	<p>Draw a shape that has between three and six lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.</p>	$\begin{array}{r} 403 \\ + 458 \\ \hline \end{array}$
<p>1 km = 1,000 m 11 km = _____ m</p>		$\begin{array}{r} 30 \\ - 19 \\ \hline \end{array}$

<p>Cross out all of the prepositional phrases in the sentence. When I turned on my computer, my music started playing in the background.</p>	<p>Insert a comma in the appropriate place in this sentence. You could take General P.E. again next year or you could take Gymnastics.</p>
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Name: _____

7 • 8 • 9 • 4 • - • 7 • 5 • 8 • + • 2 • = • 1 • 0 • 1 • + • 0
3 • + • 5 • 7

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

The puzzle consists of a grid of squares. Some squares contain numbers or symbols, while others are empty. The pieces are as follows:

- Vertical piece (left): 9, -, =, 8, -
- Vertical piece (top center): 9, =, 3
- Vertical piece (top right): 8, -, =, 7, -, =, -
- Vertical piece (right): 7, -, 5, =, -
- Horizontal piece (top center): 1, +, +, 0, =
- Horizontal piece (middle left): 2, +, 0, =, 1, 1, 9
- Horizontal piece (middle left): 7, =
- Horizontal piece (middle left): 9, =, 3
- Horizontal piece (middle right): 6, =, 9, -
- Horizontal piece (bottom left): 6, 4, =, 1, 0
- Horizontal piece (bottom center): 2, =
- Horizontal piece (bottom right): 0, +, 2, +, =

$10 \times 4 =$

$45 \div 9 =$

What can you multiply by 8 to get 7?

Name: _____

Can 991 be evenly divided by 10? Circle:
991 is NOT evenly divisible by 10
991 is evenly divisible by 10

List nine of the smallest whole numbers that are greater than 101, are multiples of 3, and are not multiples of 8.

The principal of your school wants to buy thirty-one books. Each book costs \$4.08. She wants to estimate how much it will cost. Show her how you would estimate the cost:

$$4 \times 10 =$$

Write an equation to represent this:
The sum of ten and twelve is twenty-two.

Circle the addition property for $80 + 74 = 74 + 80$.

associative property
commutative property

Write a letter that has a line of symmetry. Write whether it has a horizontal, vertical, or both horizontal and vertical lines of symmetry.

Circle the greatest number:

59,703,293,781 1,385
729,046,750,921 346,884,612

What is the homophone of this word?
cloud

Name: _____

Aaron, John, Sarah, and Sydney each went on vacation with their father (Jacob, Jordan, Michael, and Matthew). They each traveled to a different country (Italy, France, Sudan, and Peru).

Figure out each person's father and the country they visited.

1. Aaron did not go to Peru.
2. Michael and Jordan went on vacation to the same continent.
3. Jordan went to either Italy or France.
4. Before the vacation, Aaron and Sydney saw Sarah's dad, Jacob, at the mall.
5. John went to either Europe or South America.
6. Before the vacation, Sydney and Sarah saw John's dad, Jordan, at the mall.
7. Sarah did not go to Sudan.
8. Sydney went to either Italy or France.
9. Jacob did not go to Italy.
10. Matthew went to either Peru or Sudan.
11. Michael went to either Italy or Peru.
12. Aaron's trip was to a different continent than either Michael's or Jordan's trip.
13. John's trip was to a different continent than Matthew's trip.
14. Michael went to either Europe or South America.

Aaron's father's name is _____. They went on vacation to _____.

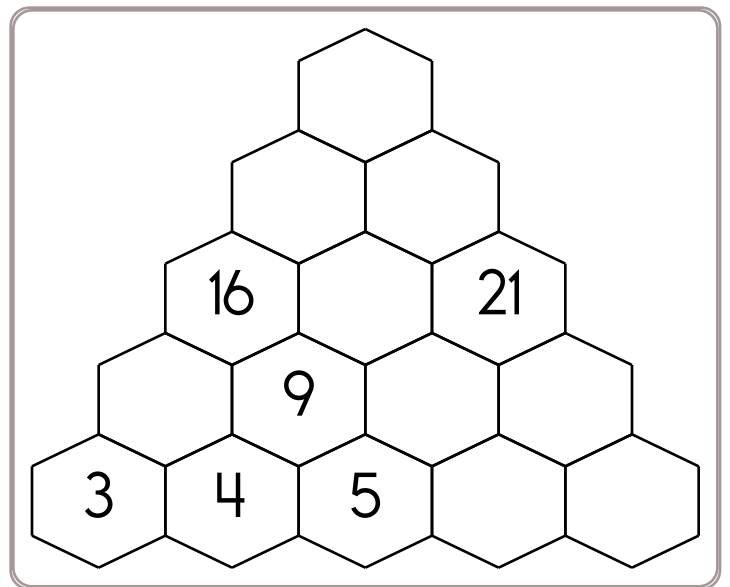
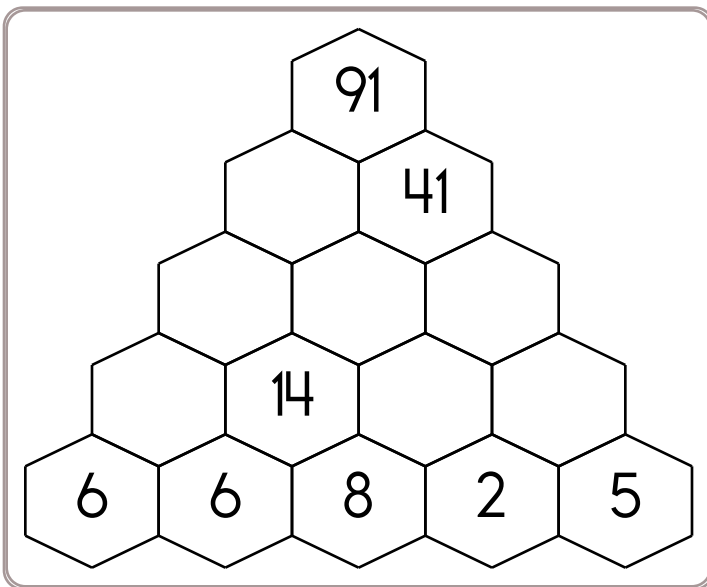
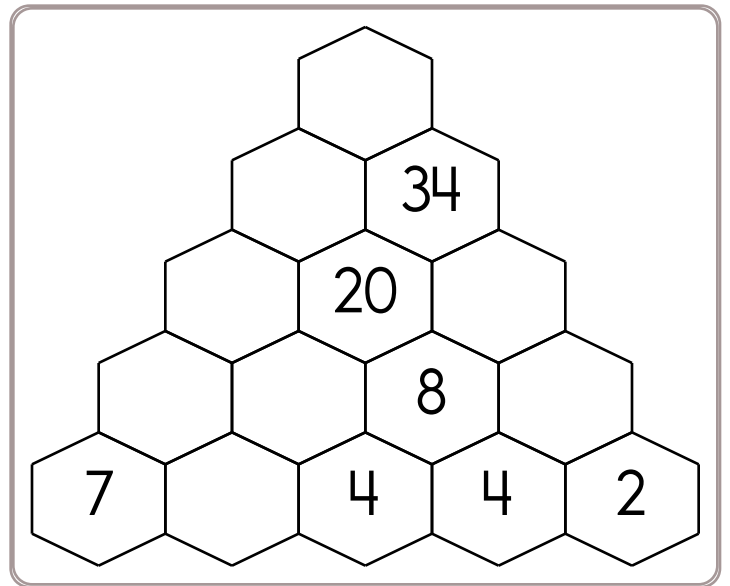
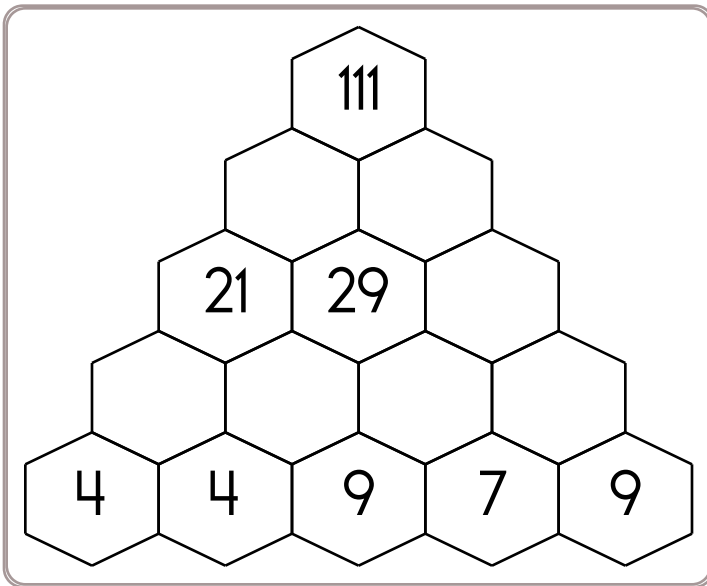
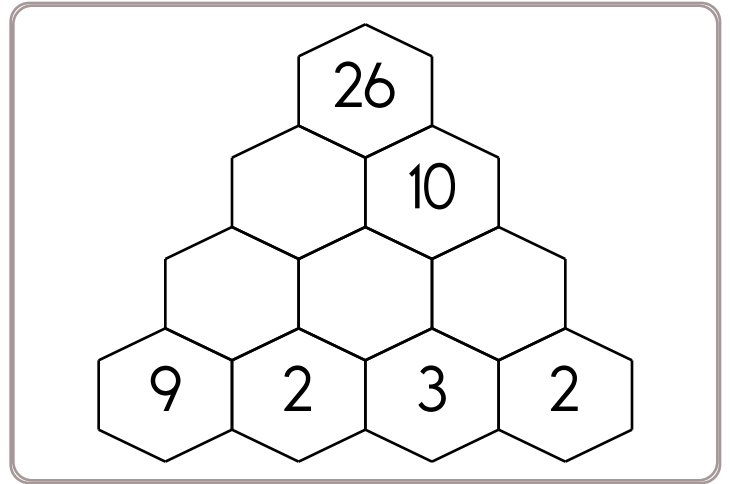
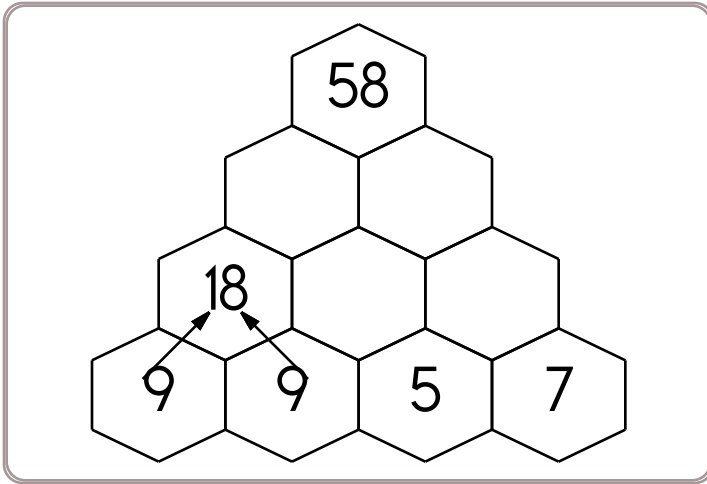
John's father's name is _____. They went on vacation to _____.

Sarah's father's name is _____. They went on vacation to _____.

Sydney's father's name is _____. They went on vacation to _____.

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.



Name: _____

Anne wrote a program. It inputs a letter. Then it inputs a number. If you input Z and 7, the program will count backwards from Z and tell you what the seventh letter is. It will print S.

Show what the program should print for these inputs.

a. E and 3

b. V and 3

c. K and 8



Draw two different rectangles using the vertices.

Rose rode her bike to Rosa's house. Leaving her driveway, she turned left. She rode past the school and then at the fourth traffic light after the school she turned right. Rosa's house was the fifth house on the left side of the road. It's getting late, and Rose needs to go home, but she has brain freeze. Write directions on how she should ride her bike home from Rosa's house.



Each box in the grid has an area of 1 square inch.

a. Draw a square with an area of 4 square inches.

b. Draw a square with a perimeter of 16 inches.

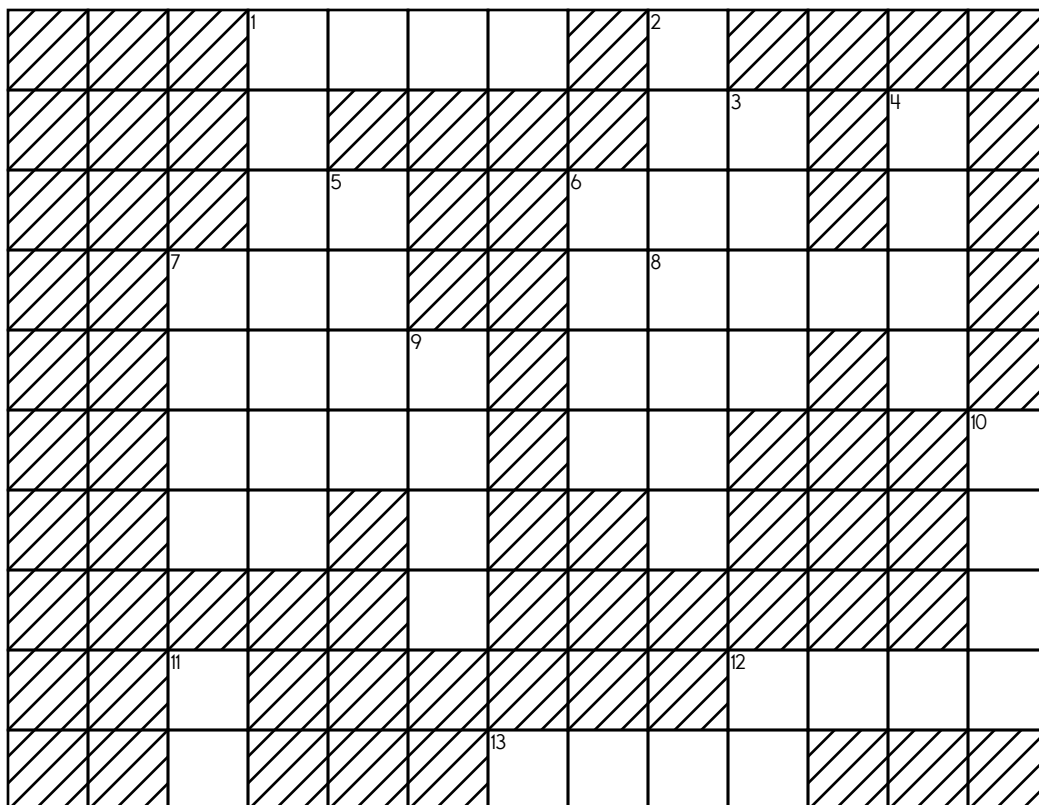
Name: _____

ACROSS

DOWN

1. the thousands in 4-Down + the hundreds in 3-Down + the ones in 13-Across
7. Its digits total 19
8. **nine thousand, eleven**
12. the ones in 6-Down + the thousands in 9-Down + the hundreds in 5-Down
13. the hundreds in 6-Down + the ones in 12-Across + the thousands in 5-Down

1. seven million, five hundred forty-two thousand, four hundred eighty-six
2. three million, seven hundred sixty-nine thousand, thirty-eight
3. the hundreds in 4-Down + the ones in 11-Down + the thousands in 8-Across
4. seven thousand, eight hundred sixteen
5. the ones in 9-Down + the thousands in 8-Across + the hundreds in 4-Down
6. the hundreds in 3-Down + the thousands in 8-Across + the ones in 4-Down
7. the hundreds in 9-Down + the thousands in 13-Across + the ones in 6-Down
9. the hundreds in 3-Down + the thousands in 6-Down + the ones in 4-Down
10. the hundreds in 5-Down + the thousands in 3-Down + the ones in 11-Down
11. $4 + 12$



Name: _____

Rosa has a new job working at Pizzeria Magpie. She loves it, but she can only work two hours on Monday, two hours on Tuesday, and seven hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid \$13.10 per hour. How much will her first paycheck be?

It is Monday, and Ava is trying to use her pencil for as long as she can. It is currently 9.3 centimeters long. She thinks she will use 1.27 centimeters of the pencil each day. If she can use her favorite pencil that amount each day until it is 2 centimeters long, then on which day will she need to stop using this pencil?

Name: _____

Name the place value that is 1,000 times greater than the hundredths place.

Which of the following fractions when added to $\frac{4}{7}$ is $\frac{23}{28}$?

$$\frac{3}{4}$$

$$\frac{4}{6}$$

$$\frac{8}{9}$$

$$\frac{2}{8}$$

$$\frac{2}{3}$$

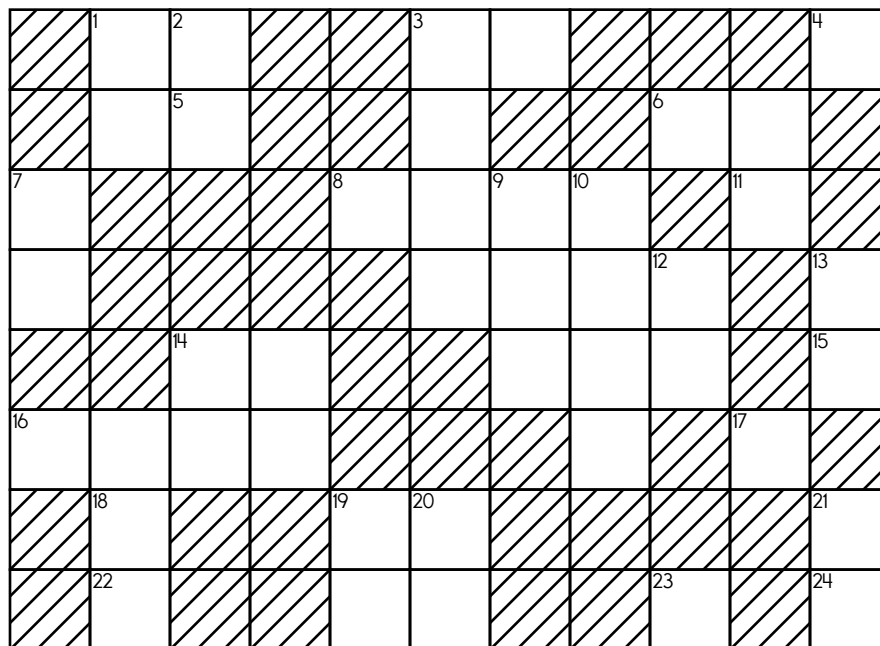
Name: _____

ACROSS

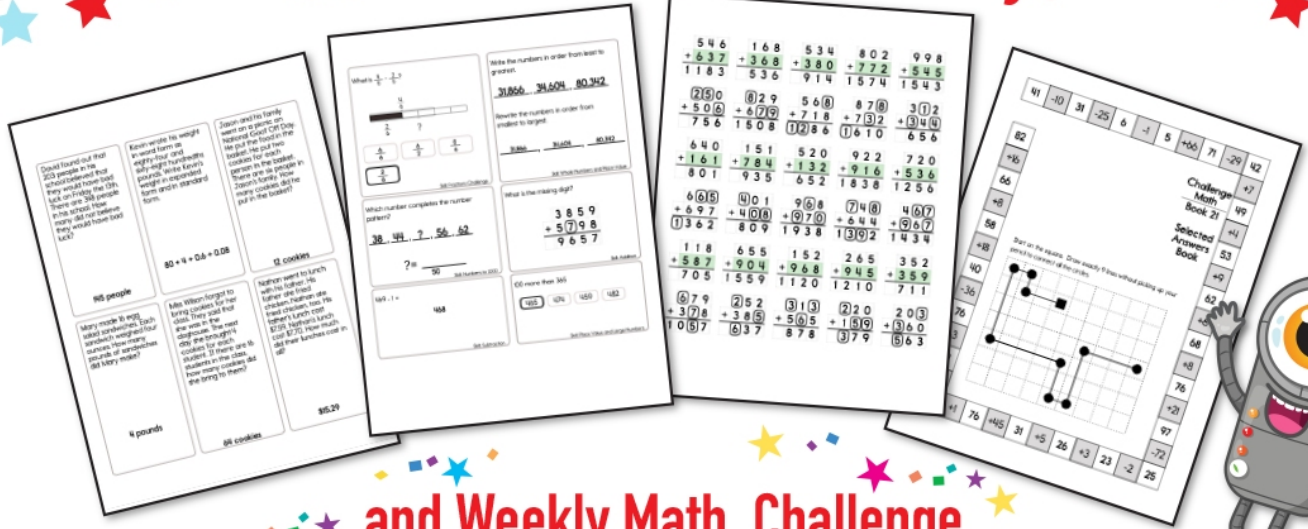
3. 5-Across plus 18-Down
4. What is the greatest common factor of 64 and 72?
5. **9**
6. Two more than 3-Across
8. Its digits total 15
9. One-fourth of 18-Down
13. How many factors does 12 have?
14. What is the lowest common multiple of 13-Across and 15-Across?
15. Two more than 11-Down
16. the tens in 10-Down + the ones in 17-Across + the thousands in 3-Down
17. The thousands in 10-Down
21. What is the greatest common factor of 18-Down and 12-Down?
22. One-ninth of 9-Across
23. The tens in 10-Down
24. The hundreds in 10-Down

DOWN

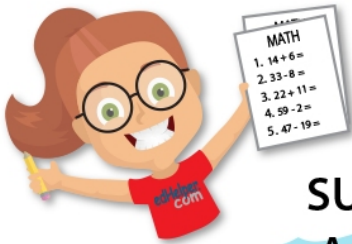
1. Sum of digits of 10-Down
2. $3 + 16$
3. the ones in 5-Across + the tens in 12-Down + the thousands in 10-Down
7. First prime number after 9-Across
8. How many factors does 8 have?
9. What is the lowest common multiple of 12-Down and 9-Across?
10. eight thousand, one hundred eighty
11. What is the greatest common factor of 8-Down and 13-Across?
12. 21
18. What is the lowest common multiple of 17-Across and 5-Across?
19. 17
20. What is the lowest common multiple of 22-Across and 7-Down?



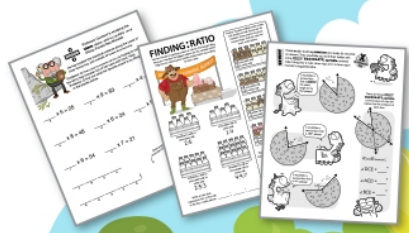
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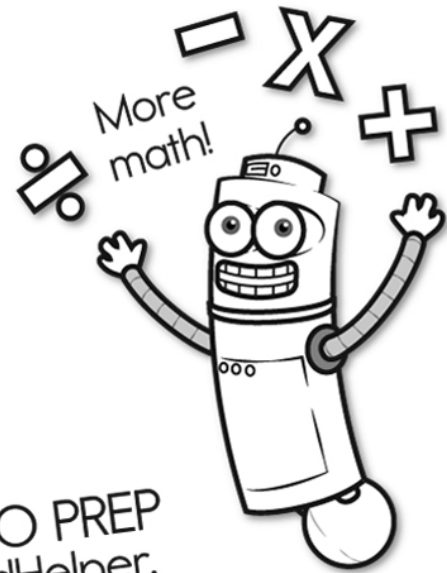
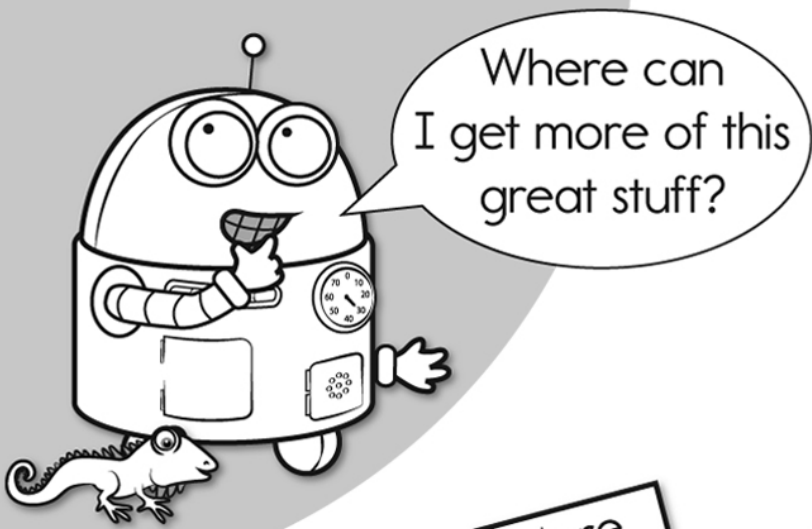
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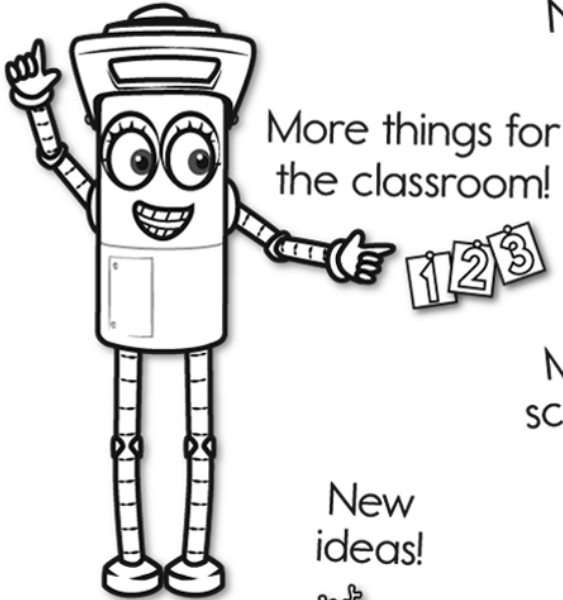
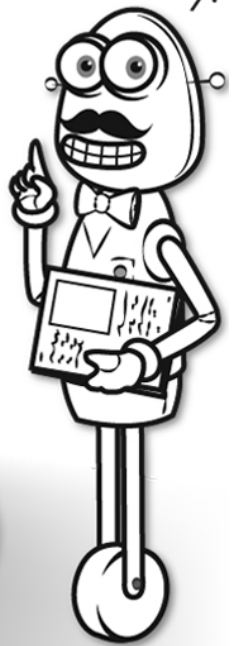
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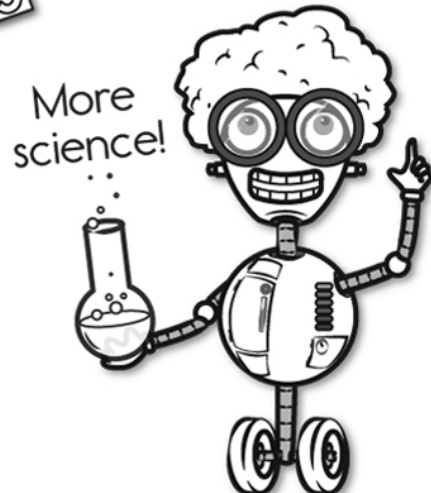


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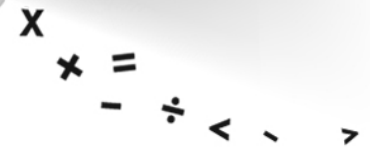
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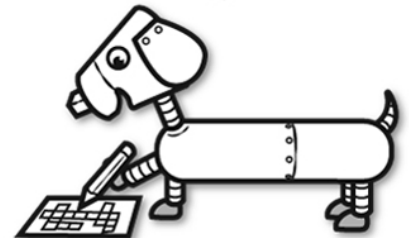
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