

Name: _____

You are working on a secret case to figure out how much money Erin has. You've worked really hard and discovered these clues:

Erin does not have a million dollars.

The amount of money Erin has is divisible by \$4.

Erin has more money than her sister. Her sister has a hundred thousand dollars.

While you might not know exactly how much money she has, can you come up with the smallest and largest amount of money that she COULD have?

Start with the number 46,143,598.

Now round that to the nearest million.

Then add six ten thousands.

Write the new number.

How much larger or smaller is the new number compared to the original 46,143,598 number? Explain in words spelling out any numbers.

Circle 2 of the smallest numbers.

521,204	279,569
402,471	259,852
363,750	603,108
487,090	392,938
216,495	613,198

Order the numbers that are left from greatest to least.

Circle 3 of the smallest numbers.

68,754	27,604
76,540	46,875
98,176	98,546
68,093	75,468
87,546	54,687

Order the numbers that are left from greatest to least.

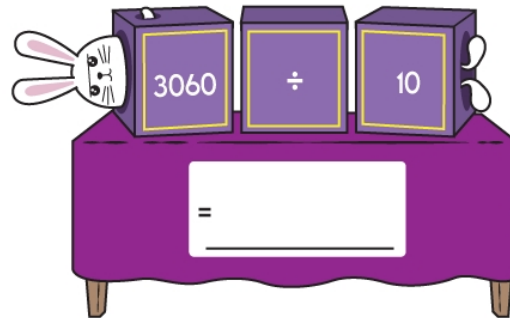
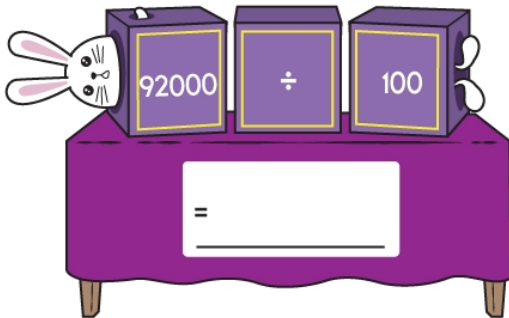
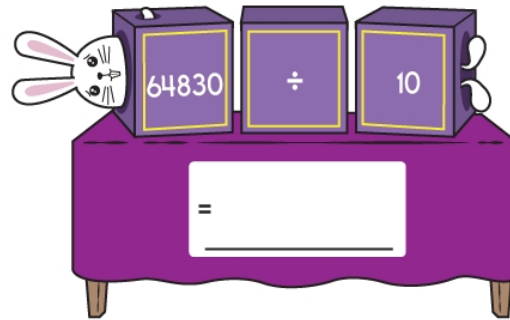
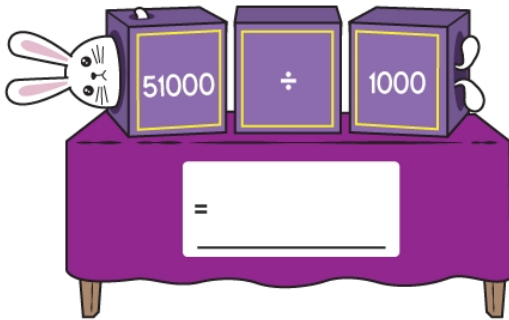
Name: _____



Gary the Great

is performing his famous
SAWING NUMERS trick.

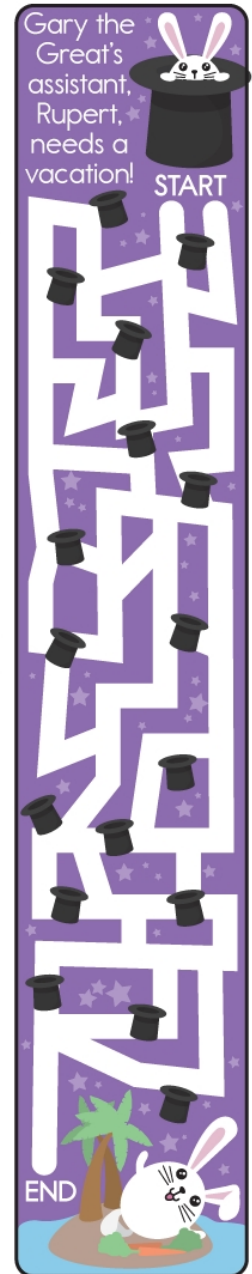
Write the numbers he ends
up with on each table.



$$30 \times \square = 3000$$

$$508 \times \square = 5080$$

$$7031 \times \square = 703100$$



Name: _____

place • thousands • hundreds • tens • ones • millions
 hundred thousands • ten thousands • place value • standard form
 expanded form • hundred millions • ten millions • billions • trillions
 tenths • hundredths • thousandths • ten thousandths
 hundred thousandths • millionths

Words can be to the RIGHT, DOWN, LEFT, or UP. Every letter is used ONCE.

S H M B S R P R I N T O N E S
 H H U I I A O S N O I L L I R T
 T O N L L W F L O W S E C A L P
 N T D L L S H T N O I L L I M T
 E D R I I B E S T T E N T H S E
 V N E O O T H O U S A N D S N
 E I D N N H U N D R E D T H S S
 S F S S S S H T D N A S U O H T

Write the words found.

THOUSANDTHS	TENS	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

1 cm = 10 mm

14 cm = _____ mm

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

eight hundred eighty thousand, eighty-four

How many feet are in 108 inches?

_____ feet

Write a letter that has a line
 of symmetry.

10 lb = _____ oz

Name: _____

place • thousands • hundreds • tens • ones • millions
 hundred thousands • ten thousands • place value • standard form
 expanded form • hundred millions • ten millions • billions • trillions
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 hundred thousandths • millionths

You are the teacher. If a word is spelled correctly, put a checkmark next to it and rewrite the word.
 If the word is misspelled, cross off the word and put an X. Then write the correct spelling.

Name: Emily

1. millions	_____	7. tens	_____
2. billions	✓ <u>billions</u>	8. thousands	✗ <u>thousands</u>
3. hundreds	_____	9. hundrets	_____
4. tehnths	_____	10. mihhlyuhntths	_____
5. trilloin	_____	11. ones	_____
6. palce	_____	12. thousandths	_____

Name: Amy

1. millons	_____	7. tens	_____
2. billions	_____	8. thousands	_____
3. huhnddruhdz	_____	9. hundredths	_____
4. tihnths	_____	10. millionths	_____
5. trillions	_____	11. ones	_____
6. place	_____	12. thousandths	_____

Name: _____

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

7**3****7****2****5****8**

The sum of these two numbers is 39. Write the equation.

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

PREVIEW

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

0**3****0****1****4**

Use the digits to make a 2-digit plus 2-digit addition equation. The sum of your equation should be 50.

Name: _____

There are 3 birthdays in our class for the month of September. David, Max, and Wendy all have birthdays. Wendy is the last to celebrate. Her birthday is on the last day of the month. If you add the day numbers of the other birthdays, it equals the day number that Wendy celebrates her birthday. The first person to celebrate is David. His birthday is 24 days before the next birthday. On what day numbers are each of their birthdays?

Robert tried to write out the number for 902,030. He wrote ninety thousand two hundred three. Is anything wrong?

PREVIEW

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Name the place value that is 100 times greater than the hundred millions place.

Name: _____

**FUN
BREAK!**

Play a game online!

edHelper.com/math-games.htm**I PLAYED
ONE
GAME****MY SCORE**

PREVIEW

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Change $\frac{2}{5}$ to a decimal.

$$\begin{array}{r} 7.8 \\ \times 2 \\ \hline \end{array}$$

Change $\frac{9}{20}$ to a decimal.

$$12 \div 6 =$$

$$10 \times (7 + 3) \times 10$$

Round 1145 to the nearest hundred.

Name: _____

Start with the number 5,649,647,503.

Now round that to the nearest million.

Then add eight ten millions.

Write the new number.

Jack thought his homework was going to be easy since there was only ONE equation. But his brother Gavin thought it was funny when he erased the addition signs. Put them back to make this equation equal to 89.

$$6\ 1\ 1\ 6\ 6\ 6 = 89$$

Rewrite the entire equation.

Start with the number 65,251.

Now round that to the nearest thousand.

Then add five hundred thousands.

Write the new number.

PREVIEW

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Hunter thought it was funny when he erased the subtraction signs. Put them back to make this equation equal to 16.

$$8\ 5\ 4\ 3\ 6\ 2\ 0 = 16$$

Rewrite the entire equation.

It has a digit 7 in the tens place.

The least digit is in the thousands place.

It has a digit 7 in the hundred thousands place.

It is a 6-digit number.

It has a digit 5 in the hundreds place.

The digit in the hundred thousands is less than the digit in the ten thousands place.

The greatest digit is in the ten thousands place.

The digit in the hundreds is less than the digit in the ones place.

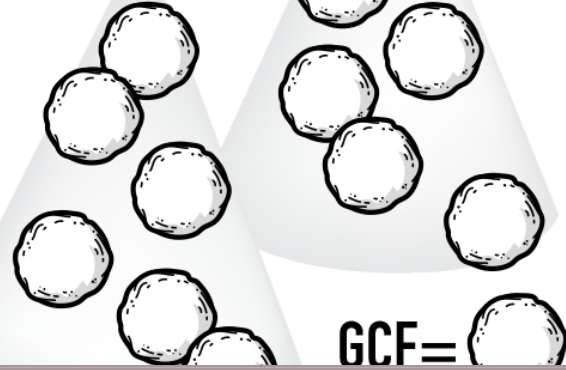
Hint: All the numbers should be less than 100.

Name: _____

GREATEST COMMON ~~FACTORS~~ MEATBALLS

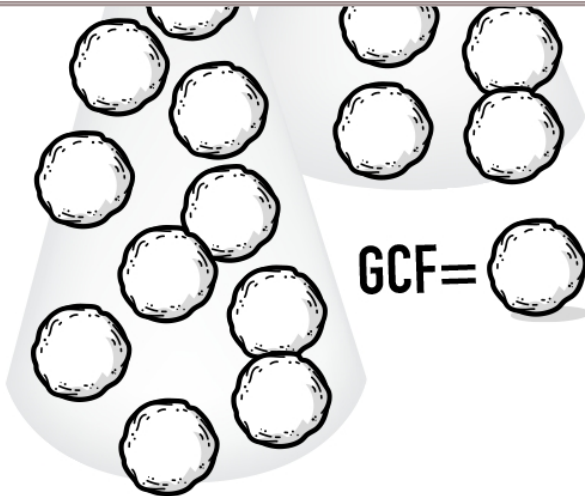


These aliens have come for our planet's *delicious* meatballs. List the factors of each spaceship. Shade the common meatballs and find the greatest common meatball.

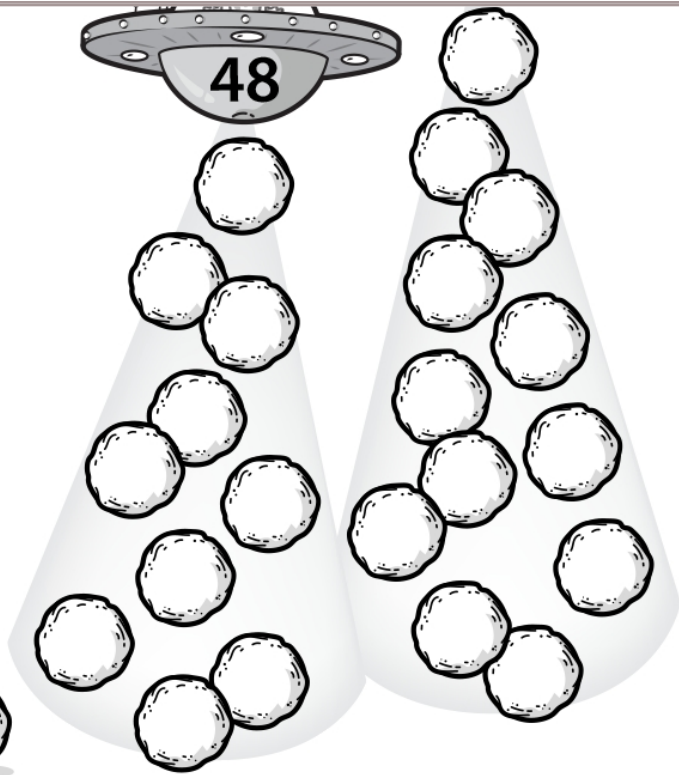


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GCF =



Name: _____

I am a 4-digit number greater than 7,000. I am divisible by 9. Write any number that fits this.

I am a 3-digit number with a 6 in the hundreds place. My ones digit is less than my tens digit. Write any number that fits this.

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I am a 5-digit number greater than 70,000. I am divisible by 8. Write any number that fits this.

Name: _____

The number 249 is the largest whole number that, when rounded to the nearest _____, will be 200.

I am a whole number. When rounded to the nearest thousand, the answer is 2000. The sum of my digits is 19. If you add 2500 to this number and then round the new number to

PREVIEW

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The number 254999 is the largest whole number that, when rounded to the nearest _____, will be 250000.

Name: _____

David thought his homework was going to be easy since there was only ONE equation. But his brother Alex thought it was funny when he erased the addition and subtraction signs. Put them back to make this equation equal to 78.

$$4 \ 6 \ 6 \ 3 \ 8 = 78$$

Rewrite the entire equation.

Write any number that fits these clues.

It has a digit 0 in the hundreds place.

The digit in the ten thousands is less than the digit in the thousands place.

It is a 5-digit number.

The digit in the ones is less than the digit in the thousands place.

The greatest digit is in the thousands place.

It has a digit 1 in the ten thousands place.

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zero in the morning. By afternoon the temperature rose 17 degrees. How warm was it?

cents:

from 7:00 a.m. to 11:30 a.m.?

$$6 \div \frac{1}{9}$$

A rectangle is 30 cm on one side and 13 cm on another side. What is the perimeter?

How much time is it from 7:00 a.m. to 10:30 a.m.?

Insert a comma in the appropriate place in this sentence.

I have a little brother but I don't have a sister.

$$9 \times 8 =$$

What time is 17 hours after 4:00 p.m.?

Name: _____

What is the value of the 3 in 437,912?

Order the numbers from least to greatest.

133,096 , 522,617 , 355,926Rewrite the numbers in order from
smallest to largest.

_____, _____, _____

Use paper and pencil to answer.

five hundred fifteen thousand, eighty-six

The sum of 295 and 373 is _____.

515,086515,860515,960

PREVIEW

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Which of these is two thousand more than
224,830?224,850226,830244,830225,030

two hundred sixteen thousand, seventy-two

What is the value of the 7 in 78,621,935?

7007,00070,000,000700,000

Name: _____

Peter will not tell you how many points he has in the PointsGazoomer app. All he told you is that if you triple the number of points you have, then you will have one-half the number of his points. You have 177,480 points. How many points does Peter have?

Wendy thinks she has a headache, at least after trying to figure out the unknown number from the clues. All she was given is that when 16 is subtracted from the unknown number

PREVIEW

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April thinks she has a headache, at least after trying to figure out the unknown number from the clues. All she was given is that when 25 is subtracted from the unknown number and then she divides that by 3, it gives the same value as when 53 is subtracted from the unknown number. What is the unknown number?

Name: _____

Amy has 70 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

Maria was curious about what day will be her teacher's birthday. Today is Wednesday, and it is the 57th day of school.

PREVIEW

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Jack and Wendy are doing their math homework. Their teacher gave them each 22 pages of math facts to practice. Each page has 6 rows and 7 columns of problems. Jack can do a row of problems in about 8.3 seconds. Wendy is faster. She can do a row of problems in 7.9 seconds.

How much time will Jack need to finish his math homework?

Name: _____

Granny Gertie's SQUARES & CUBES



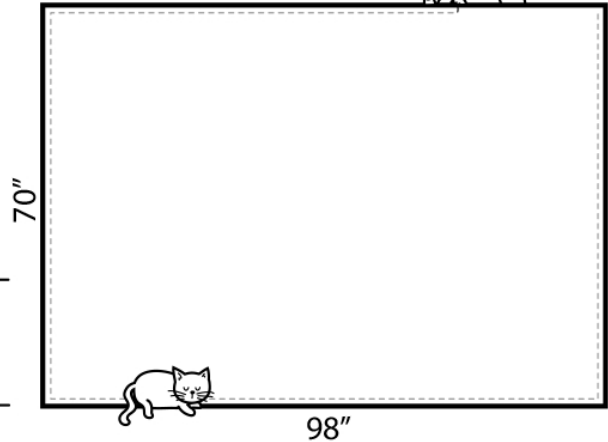
1. Granny Gertie is making a rectangular quilt. The quilt is 98 inches by 70 inches. Granny's hands are getting tired. Find the fewest (largest) quilting squares she can use.



Divide her quilt squares. →

Number of Squares: _____

Square Size: _____



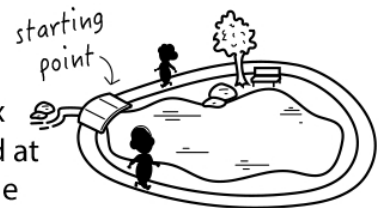
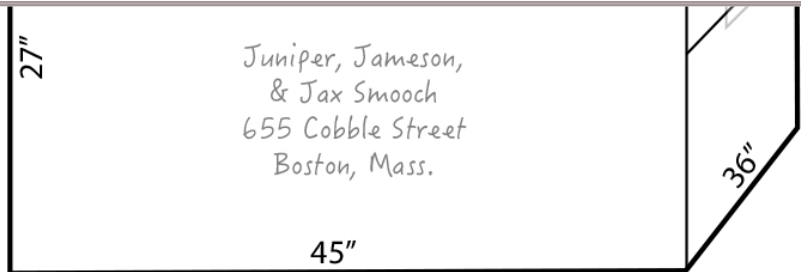
2.

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Largest Pillow Size: _____

Number of Pillows: _____



3.

Granny Gertie and Gigi Jeannine both start at six AM at the bridge and walk laps around the pond at Friendship Acres Retirement Home. Gigi Jeannine takes 10 minutes to walk one lap. Granny Gertie gets a little competitive and takes 8 minutes to walk one lap. After how many minutes would the two meet again at the bridge?

_____ Minutes



Name: _____

I am the smallest whole number that will round to 900 when you round to the nearest hundred.

The number 84499 is the largest whole number that, when rounded to the nearest

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I am the largest whole number that rounds to 190 when rounding to the nearest ten.

Name: _____

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

0 3 3 3 3 8 0 2

Use the digits to make a 2-digit plus 2-digit addition equation. The sum of your equation should be 58.

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

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

3 0 0 1 8 8 3 4

Use the digits to make a 2-digit minus 2-digit subtraction equation. The difference between your numbers should be 28.

Name: _____

Wendy needs to make 24 sugar cookies for a big party, but her favorite recipe is only for 12 cookies. The recipe calls for $1\frac{3}{4}$ cups of sugar. How much sugar will she need to use?

It is 8 a.m. and the animals are waking up. In exactly 6 minutes, Sara will screech. Sara will then screech every 6 minutes until it is 10 a.m. when she will stop. (she cannot screech at 10

PREVIEW

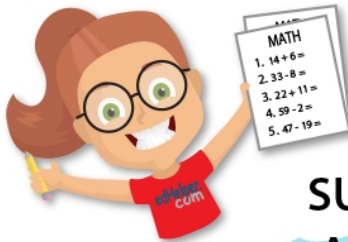
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Which number has more factors: 11 or 6?

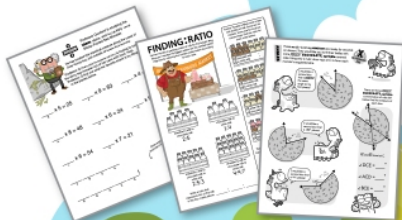
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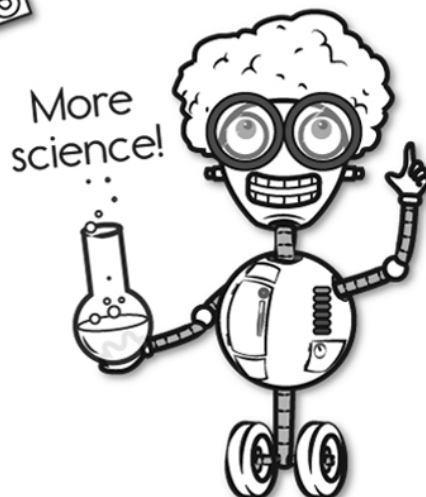
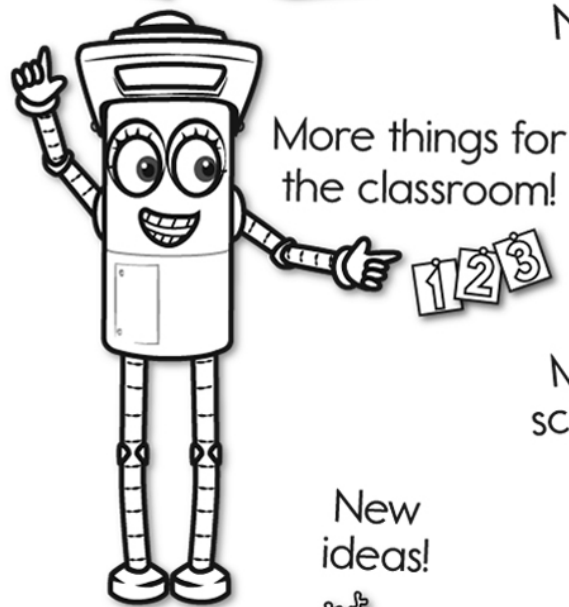
More history!



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New online math games!

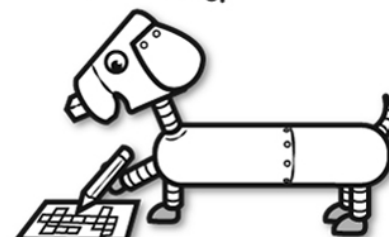


New ideas!



\times
 $\times =$
 $- \div$
 $< - >$

More puzzles!





Name: _____

Robot AQD said, "I have YYYY robot cats."

Robot EFG said, "I have YY robot cats."

Robot cat said, "Each Y stands for three cats. We have lots of cats!"

How many cats does Robot AQD have? How many cats does Robot EFG have?

"Want to visit my farm?" asked David. "It's just me, my mom, my dad, my 3 sisters, my 8 spiders, my 2 chickens, and, last but not least, my 5 dogs."

"Yuck, did you say 8 spiders? Seriously?" asked Hannah.

"Yes, I did! Just answer the following math question. I didn't say these math questions make sense," said David with a big smile.

How many legs are there where David lives? If it helps, humans have 2 legs (duh!), spiders have 8, and you can figure out the rest!

Find the product of 8 and 3.

Is 21 a composite or a prime number?

$10 \times 9 \times 5 - 8$

Name: _____

Maria was curious about what day will be her teacher's birthday. Today is Tuesday, and it is the 95th day of school.

"My birthday will be celebrated in 11 school days. There are 5 days each week for school and there are no upcoming holidays. Anyone know on what day of the week will be my birthday?" asked Mr. Brown.

The Zippy Zoo is special.

"Why?" asks Sally.

"Just look!" yells her brother.

It is obviously special because all they have are zebras. A total of 64 of them! The cool part is that 2 out of every 8 zebras at Zippy Zoo are not real zebras. They are robots.

"Wow," says Sally. "How many robot zebras are there?"

Megan 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 nine hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid \$13.50 per hour. How much will her first paycheck be?