



Name: _

Complete each pattern. Write what the rule is.

$$\frac{2}{3}, 1, 1, \frac{1}{3}, 1, \frac{2}{3}, 2, 2, \frac{1}{3}, 2, \frac{2}{3}, 3, 3, 3$$

$$3\frac{1}{3}, 3\frac{2}{3}, 4, , 5, 5\frac{1}{3}, 5\frac{2}{3}$$

$$\frac{2}{3}, 1, 1\frac{1}{3}, \dots, 2\frac{1}{3}, \dots, 3, 3\frac{1}{3},$$

$$3\frac{2}{3}, 4, 4\frac{1}{3}, 4\frac{2}{3}, 5, 5\frac{1}{3}, 5\frac{2}{3}, 6, 6\frac{1}{3}$$

Complete each pattern. Write what the rule is.

63	56	49
42	35	
21	14	

Name:

Jacob collects everything he can find about Walt Disney. Some day he wants to be an artist at the Walt Disney Studios. His favorite character is Mickey Mouse. One day he found a Mickey Mouse figurine that he didn't have. The price of the figurine was \$52.95. Jacob has \$27.48 in his savings account. How much more money does he need to buy the figurine? Ana Maria has applied for United States citizenship. She has studied American history and government for a long time and thinks she is ready to take the citizenship test. When she took the practice test online she answered forty-three questions correctly and only missed five. What percent of the questions did she get right?

Rewrite this mixed number as an improper fraction.

14 - 6

Show the steps to solve 7(40 - 8 - 17) + 793 x 13 + 39

Parentheses

Exponents

Multiplication & Division (or Division & Multiplication!)

Addition & Subtraction (or Subtraction & Division!)

Name: ____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.



Rose has \$20.56. She has 3 bills and 7 coins. How?

Jason has \$6.16. He has 2 bills and 4 coins. How?

Robert has \$40.57. He has 2 bills and 6 coins. How?

Name: ____

Amy took a picture of her father's office building. He worked in a 50-story skyscraper. When she got the picture, she saw that she had only taken a picture of the highest 26 stories. Write a fraction for the part of the building that was in the picture.	The Peppermint Patty Ice Cream Parlor sold 108 peppermint parfaits the first month it was open. It sold 133 peppermint parfaits the second month and 158 the third month. If this pattern continues, how many peppermint parfaits will be sold the ninth month?	Sara walked to the store in 15.7 minutes. She bought Band-Aids for \$0.55, gauze for \$1.29, and suntan lotion for \$2.89. She gave the clerk a \$10 bill. She left the store at 3:45 a.m. It took her 18 minutes to walk home. How much longer did it take her to walk home than it took to walk to the store?

1 kg = 1,000 g

28 kg = _____ g





Name: Holly cannot open her locker. 953 6 x 10 = She knows that the three $10 \times 7 =$ _ numbers are: 16. 2. and 28. 338 but she cannot remember the order of the numbers. How many different combinations are there? List ten of them. Jenna and Hannah are playing a number game. Jenna says 5. Hannah replies that the answer is 8. 21 ÷ 3 = Jenna says 9. Hannah replies that the answer is 12. Jenna says 3. Hannah replies that the answer is 6. Jenna says 1. Hannah is thinking. What number should Hannah reply with? How many inches are in 5 feet? Circle the digit in the tenths place. 932.87 ____ inches You cannot decide what pizza store to go to. Holly's pizza cuts their pizza into 8 slices. 77 ÷ 11 = _ Each slice costs \$4 each. Rosa's pizza cuts their pizza into 4 slices. Each slice costs \$2 each. If you like each pizza the same, which pizza store has the better buy?

Name:



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word root calli can mean beautiful calligraphy, calliope





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6)174100

3)25818

(0.7)(0.15)	$\frac{2}{9} \times \frac{5}{9}$	6 x 6 x 6 x 6 x 6 = 6 ^x What is the value of x?
Rewrite as an algebraic expression or equation. Add 16 to the product of d and 12	The letter V has an unknown value. If you multiply V by twelve, the product is three. What value does V have?	(3 + 14 + 4 + 10) =

Name: _

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



Name:

Example: Example: 3.5 + 0.2 + 8.7 + 14.6 = 27 7.7 + 2.8 + 0.2 + 29.9 = 40.629.9 0.2 8.7 Sample: 3.5 0.2 2.8 39.7 7.7 40.6 is the sum is the sum is the sum 14.6 1.9 29.9

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

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: 14.6, 11.8, or 29.9. The other three numbers have to all be DIFFERENT and must be from these: 2.8, 6.5, 3.5, 7.7, 1.9, 0.2, or 8.7.



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: 27.9, 26.7, or 18.8. The other three numbers have to all be DIFFERENT and must be from these: 8.8, 2.2, 1.9, 5.1, 7.6, 3.6, or 0.2.





