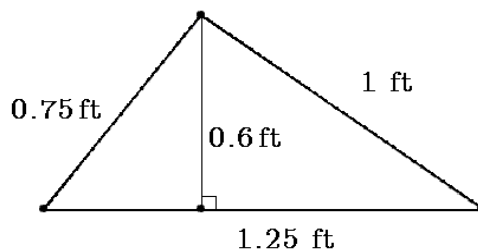


- Use words to write 103.04658.
- Round $0.0\overline{618}$ to four decimal places.
- Complete the following table. Make sure to reduce the fractions.

Fraction	Percent	Decimal
$\frac{4}{5}$		
	52%	
		1.2

- Compute the perimeter and area of the triangle shown on the picture. Include units in your computation and answer.



- Compute the least common multiple of 48, 64, and 81.
- Find the average of the prime numbers between 20 and 35.
- Consider the following numbers. 963, 3735, 6600, 2220, and 3555
 - Find all numbers from the list that are divisible by 5.
 - Find all numbers from the list that are divisible by 9.
 - Find all numbers from the list that are divisible by 45.
- Convert 4.2 miles to feet.
- Write each of the following decimals as a fraction of integers. You do not need to bring the fractions to lowest terms.
 - $0.\overline{4}$
 - $11.\overline{74}$
 - $2.02\overline{135}$
- The ratio of books to movies was 45 to 15. How many books were there if the number of movies was 250?
- The price of a TV was increased by 20%. The new price is \$429.60. What was the original price?

12. We traveled to the lake, and the drive took us 8 hours. Our average velocity was 60 miles per hour. Tomorrow we will drive back, but we will be in a hurry and will need to complete the trip in 6 hours. What should be our average velocity?

13. Four numbers out of five are: -1 , 0 , 3.5 , and -4 . Find the fifth number if we know that the average of the five numbers is 1.2 .

14. Perform the following operations. Do not use a calculator.

a) $\frac{8((-1.5)^3 + 2)}{-2.5^2 + 0.75} =$ b) $\left(-\frac{1}{2}\right)^2 \left(3\frac{1}{5} + 2\frac{1}{2}\right) - \frac{3}{10} =$

15. Evaluate $\frac{10x^2 + 19x + 7}{2x + 1}$ if

a) $x = -1.8$ b) $x = -\frac{2}{5}$

16. Solve each of the following equations. Make sure to check your solution.

a) $2.5x - 4.3 = 15.7$ b) $2\frac{1}{5}y - 2 = -\frac{8}{15}$ c) $0.05x - 0.03 = -0.13$

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