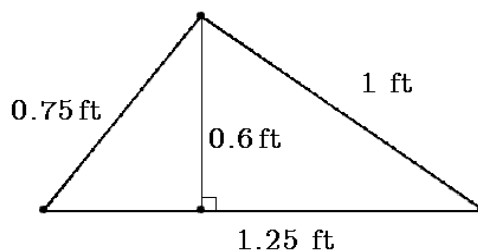


- Use words to write 103.04658 **one hundred three and four thousand, six hundred fifty-eight hundred thousandths**
- Round $0.0\overline{618}$ to four decimal places **0.0619**
- Complete the following table. Make sure to reduce the fractions.

Fraction	Percent	Decimal
$\frac{4}{5}$	80%	0.8
$\frac{13}{25}$	52%	0.52
$\frac{5}{4}$	120%	1.2

- Compute the perimeter and area of the triangle shown on the picture. Include units in your computation and answer. **$P = 3 \text{ ft}$, $A = 0.375 \text{ ft}^2$**



- Compute the least common multiple of 48, 64, and 81. **5184**
- Find the average of the prime numbers between 20 and 35. **$\frac{83}{3} = 27\frac{2}{3}$**
- Consider the following numbers. 963, 3735, 6600, 2220, and 3555
 - Find all numbers from the list that are divisible by 5. **3735, 6600, 2220, 3555**
 - Find all numbers from the list that are divisible by 9. **963, 3735, 3555**
 - Find all numbers from the list that are divisible by 45. **3735, 3555**
- Convert 4.2 miles to feet. **22 176 ft**
- Write each of the following decimals as a fraction of integers. You do not need to bring the fractions to lowest terms.
 - $0.\overline{4} = \frac{4}{9}$
 - $11.\overline{74} = 11\frac{74}{99} = \frac{1163}{99}$
 - $2.02\overline{135} = 2\frac{2133}{99900} = \frac{201933}{99900}$
- The ratio of books to movies was 45 to 15. How many books were there if the number of movies was 250? **760**

11. The price of a TV was increased by 20%. The new price is \$429.60. What was the original price? **\$358**
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? **$80\frac{\text{mi}}{\text{h}}$**
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 . **7.5**
14. Perform the following operations. Do not use a calculator.
- a) $\frac{8((-1.5)^3 + 2)}{-2.5^2 + 0.75} =$ **2** b) $\left(-\frac{1}{2}\right)^2 \left(3\frac{1}{5} + 2\frac{1}{2}\right) - \frac{3}{10} =$ **$\frac{9}{8}$**
15. Evaluate $\frac{10x^2 + 19x + 7}{2x + 1}$ if
- a) $x = -1.8$ **-2** b) $x = -\frac{2}{5}$ **5**
16. Solve each of the following equations. Make sure to check your solution.
- a) $2.5x - 4.3 = 15.7$ **8** b) $2\frac{1}{5}y - 2 = -\frac{8}{15}$ **$\frac{2}{3}$** c) $0.05x - 0.03 = -0.13$ **-2**