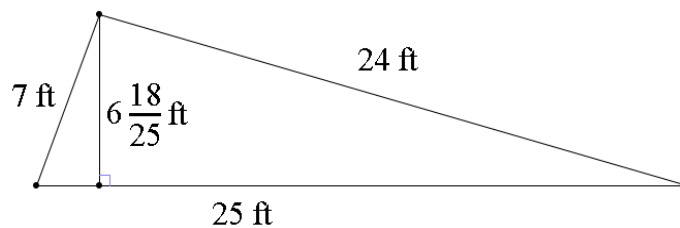


- Round 205 000 to the nearest million.
- Find the perimeter and area of the triangle shown on the picture.



- Find the average of the first five prime numbers.
- Write each of the following percents as a reduced fraction.
 - 50%
 - 60%
- Write each of the following fractions as a percent.
 - $\frac{1}{4}$
 - $\frac{1}{2}$
 - $\frac{4}{5}$
- $\frac{2}{5}$ of what number is 28?
- Compute $\frac{5}{8}$ of 1000.
- Use conversion factors (also called unit multipliers) to convert.
 - 38 meters to centimeters
 - $3\frac{7}{12}$ feet to inches
- Perform the following operations. Do not use a calculator.
 - $\frac{40}{45} \cdot \frac{24}{36} \div \frac{8}{9} =$
 - $\left(\frac{1}{2} - \frac{1}{6}\right) \frac{1}{2} \div \frac{1}{6} =$
 - $\frac{4-9}{9-4} =$
 - $\frac{1}{2} - \frac{1}{3} - \frac{1}{4} =$
 - $\frac{3-17}{17-3} =$
 - $-2 + \{-3^2 - 7 \cdot (-3) + (-2)^3\} \div (-2) =$
- Evaluate the expression $(x-2)(x-1)x(x+1)(x+2)$ if
 - $x = -1$
 - $x = 4$
 - $x = 0$
 - $x = 3$
 - $x = 1$
 - $x = 2$
 - $x = \frac{1}{2}$
- Solve each of the following equations. Make sure to check your solution.
 - $\frac{5}{12}x - \frac{1}{6} = -\frac{2}{9}$
 - $5x - 2 = 41$
 - $\frac{x - \frac{3}{5}}{\frac{2}{15}} = -2\frac{1}{4}$
 - $7 - 2x = 18$

For more documents like this, visit our page at <http://www.teaching.martahidegkuti.com> and click on Lecture Notes. E-mail questions or comments to mhidegkuti@ccc.edu.