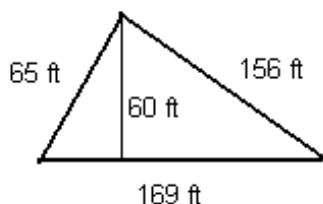


- Use words to write the number 20 172 004 038.
- Round 20 172 004 038 to the nearest million.
- Compute the perimeter and area of the triangle shown on the picture below. Include units in your computation and answer.



- Consider the following numbers: 4181, 9800, 1296, 55050. Find all numbers from the list that are
 - divisible by 3
 - divisible by 10
 - divisible by 6
- Find the least common multiple of 210, 75, and 96.
- List all prime numbers between 30 and 45.
- Compute the average of -2 , 0 , -12 , 31 , 48 , -91 , and -2 .
- Compute $\frac{7}{9}$ of 72.
- Write $\frac{2}{9}$ as a fraction with denominator 36.
- Reduce $\frac{64}{120}$ to lowest terms.
- Which fraction is greater, $\frac{3}{4}$ or $\frac{8}{11}$?
- Perform the indicated operations. Show all steps.
 - $\frac{(-2)^2 - 3^3 - (-4)^2 - |-2 - 3|}{2 - (2^3 - 2)}$
 - $\frac{-4((-5 + 2) - 3(-2 - 1))}{(3 + 3^3) \div (2^2 + (-1)^4)}$
 - $-2 - (-2)^2 - (-2)^3 - (-2)^4 - (-2)^5$
 - $\frac{-2(-5(-3 + 2^2) - (3 - (-4)))}{3^3 - 2 \cdot 7 - 1}$
- Evaluate each of the following expressions if $x = -2$ and $y = 3$.
 - $x^4 - 3x^3 + 2x^2 + 5x - 7$
 - $(y - 2)(x + 5) - 2x$
- Solve each of the following equations. Make sure to check your solution.
 - $-2x - 3 = 11$
 - $3x + 91 = 85$
 - $\frac{x - 1}{3} = 5$