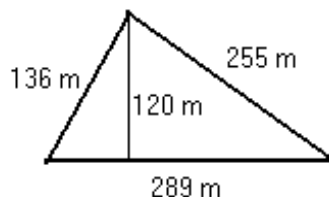


- Use words to write the number 209 003 659 020.
- Round 419 683 455 to the nearest million
- Compute the perimeter and area of the triangle shown on the picture below. Include units in your computation and answer.



- Compute the sum of the eight smallest prime numbers.
- Compute the least common multiple of 24, 42, and 90.
- Consider the following numbers: 27 625, 40 102, 6390, 4155, 8765. Find all numbers from the list that are divisible by
 - 6
 - 15
 - 18
- Compute $\frac{3}{8}$ of 240.
- Write $\frac{11}{25}$ as a fraction with denominator 100.
- Reduce $\frac{24}{120}$ to lowest terms.
- Which fraction is greater, $\frac{4}{7}$ or $\frac{6}{11}$?
- Write $2\frac{3}{5}$ as an improper fraction.
- Write $\frac{28}{3}$ as a mixed number.
- Perform the indicated operations. Show all steps.

a) $\frac{1}{2} + \frac{2}{7}$	e) $\frac{3}{10} - \frac{2}{9}$	i) $\frac{-2(-1)^2 (-3 + 10 \div 5)(-3 + 6 \div 6) }{-2 - (-3) 3^2 - 2^3 }$
b) $\frac{2}{5} + 4$	f) $5 - \frac{2}{3}$	j) $(-1)^2 - (-2)^2 + (-3)^2 - (-4)^2 + (-5)^2$
c) $2 - \frac{5}{6}$	g) $\frac{1}{3} \div \frac{7}{9}$	k) $\frac{3 \cdot 2^3 - -2 - (-2)(7 - 10) }{2^4 - 4^2 + 1}$
d) $\frac{7}{10} - \frac{4}{15}$	h) $\frac{12}{13} \div 3$	

14. Evaluate the expression $-16x^2 + 8x + 10$ if

a) $x = 0$ b) $x = 1$ c) $x = 2$

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

a) $2w - 7 = -5$ b) $y + \frac{1}{2} = \frac{7}{8}$ c) $\frac{x - 5}{3} = 16$ d) $\frac{2}{5}p = \frac{4}{11}$