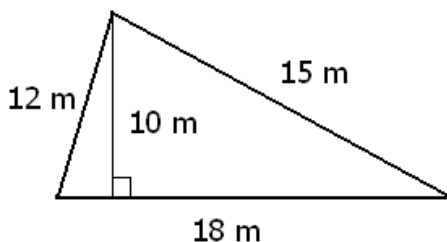


- Use words to write the number 218 060 071 208. **two hundred eighty billion, sixty million, seventy-one thousand, two hundred eight**
- Round 419 683 455 to the nearest hundred thousand. **419 700 000**
- Compute the perimeter and area of the triangle shown on the picture below. Include units in your computation and answer. **$P = 45 \text{ m}$ $A = 90 \text{ m}^2$**



- Compute the average of all prime numbers between 30 and 45. **38**
- Compute the least common multiple of 24, 39, and 45. **4680**
- Compute $\frac{2}{11}$ of 4400. **800**
- Write $\frac{3}{4}$ as a fraction with denominator 100. **$\frac{75}{100}$**
- Reduce $\frac{72}{96}$ to lowest terms. **$\frac{3}{4}$**
- Which fraction is greater, $\frac{2}{9}$ or $\frac{4}{19}$? **$\frac{2}{9}$**
- Perform the indicated operations. Show all steps.
 - $\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$
 - $3 + \frac{1}{4} = \frac{13}{4}$
 - $\frac{2}{5} - \frac{1}{3} = \frac{1}{15}$
 - $4 - \frac{2}{7} = \frac{26}{7}$
 - $\frac{(-3 + 7) - 8 \div 2^3}{|2^2 - 5|} = 3$
 - $\frac{(-2)^2(2 - |-5|)}{(1 - 3)(2 - (-2)^2)} = -3$
 - $\left(\left(\left(1 - 2\right)^2 - 2\right)^2 - 2\right)^2 - 2 = -1$
- Evaluate each of the following expressions if $x = 2$ and $y = -5$.
 - $\frac{y^2 - 2x}{x + 1} = 7$
 - $x^2 + y^2 - 2xy = 49$
- Solve each of the following equations. Make sure to check your solution.
 - $-8x + 3 = -5$ **1**
 - $\frac{m}{5} - 2 = 30$ **160**
 - $\frac{q - 5}{3} = 1$ **8**