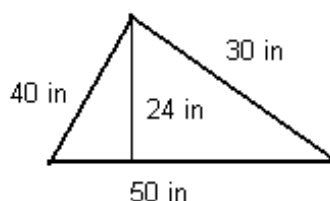


- Use digits to write the number two hundred two billion, forty-seven million, one hundred ninety-five thousand, sixty-one.
- Round 825038219 to the nearest ten million.
- Consider the following numbers: 4200, 168, 404040, 13575, 9806
 - Find all numbers from the list that are divisible by 15.
 - Find all numbers from the list that are divisible by 20.
 - Find all numbers from the list that are divisible by 12.
- Find the perimeter and area of the triangle shown on the picture below. Include units in your computation and answer.



- Find the average of 2, -7 , 18, -42 , 0, 4, and -3 .
- Find the average of the prime numbers between 6 and 18.
- Find $\frac{4}{7}$ of 28.
- Write $\frac{3}{5}$ as a fraction with denominator 40.
- Reduce $\frac{56}{63}$ to lowest terms.
- Which fraction is larger, $\frac{2}{7}$, or $\frac{3}{10}$?
- Perform the indicated operations. Show all steps.

a) $7 - 2^3 + (-5) + (-5)(-2) + (-5)(-2)(-2)$	c) $\frac{(-2)^3}{1 - (4 - (7 - 3^2 \div ((-3)^2 - 2 \cdot 3)))}$
b) $-2 + (-5)^2 - (-2)^5 + (-2)(-4)^2 ((-3)^2 - (-2)^2)$	d) $\frac{-6^2 + 3(4 - 6) \div 6 + (-2)^2 - 11}{4 - (-3) + 12 \div 4 \cdot 5}$
- Evaluate each of the following expressions if $a = -2$ and $b = 3$.

a) $a^2 - 2ab + b^2$	b) $(2a - 3b)(a^3 - 7a - a^2b)$
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- Solve each of the following equations. Make sure to check your solution.

a) $\frac{x+1}{5} = -2$	b) $4t - 3 = -31$	c) $-7y - 1 = 13$	d) $13a - 7 = 45$
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