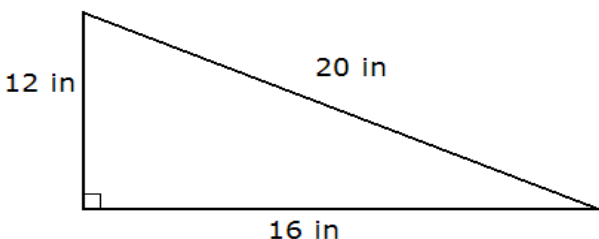


- Round 825 038 219 to the nearest ten million.
- Consider the numbers 34 567, 505 050, 1296, 2004, 27 082.
 - Find all numbers from the list that are divisible by 4.
 - Find all numbers from the list that are divisible by 3.
 - Use parts a) and b) to find all numbers from the list that are divisible by 12.
- Find the average of 2, -7, 18, -42, 0, 4, and -3.
- List all factors of 100.
- Consider the right triangle shown on the picture below.



- Compute the perimeter of the triangle. Include units in your answer.
 - Compute the area of the triangle. Include units in your answer.
- Find the average of the prime numbers between 6 and 18.
 - Is 101 a prime number?
 - Perform the following operations. Show all steps.
 - $7 - 2^3 + (-5) + (-5)(-2) + (-5)(-2)(-2) =$
 - $-2 + (-5)^2 - (-2)^5 + (-2)(-4)^2 ((-3)^2 - (-2)^2) =$
 - $\frac{(-2)^3}{1 - (4 - (7 - 3^2 \div ((-3)^2 - 2 \cdot 3)))} =$
 - $\frac{-6^2 + 3(4 - |6|) \div 6 + (-2)^2 - 11}{4 - (-3) + 12 \div 4 \cdot 5} =$
 - Evaluate each of the following expressions if $a = -2$ and $b = -12$.
 - $2a - 3b + |a - b| =$
 - $\frac{a^2 (a^3)^2}{(2a)^3} =$
 - $a^2 - 2ab + b^2 =$
 - $(20a - 3b + 2)(a^3 + 10a - a^2b) =$
 - $|2b + a| + a =$
 - We split \$ 3000 into six equal shares and take five shares. How much money is that?