

1. Round 20 600 043 to the nearest million.
2. Round 20 600 043 to the nearest ten million.
3. The sides of a rectangle are 7 ft and 12 ft long.
 - (a) Find the perimeter of the rectangle.
 - (b) Find the area of the rectangle.
4. Find the average of 11, 3, 5, 10, and 6.
5. Find the average of 1, 2, 3, 4, 5, 6, and 7.
6. Consider the following numbers: 390, 600, 2005, 9192, 1110 010.
 - (a) Use the rule of divisibility by 2 to find all numbers from the list that are divisible by 2.
 - (b) Use the rule of divisibility by 4 to find all numbers from the list that are divisible by 4.
 - (c) Use the rule of divisibility by 5 to find all numbers from the list that are divisible by 5.
7. List all factors of 30.
8. Perform the following divisions. Express your answer by giving the quotient and the remainder. For example, $71 \div 5 = 14 \text{ R } 1$.
 - (a) $2005 \div 11 =$
 - (b) $20600043 \div 12 =$
9. Perform the following operations as indicated. Show all steps..
 - (a) $\frac{5^2 - (4^2 + 3 \cdot 2) + 6 - 2^2 - 3}{2^3 - 3 \cdot 2} =$
 - (b) $3 \cdot 2^2 - (7 - 3 + (3 \cdot 5 - 2(2^4 - 10))) =$
 - (c) $\frac{3^4 - 3^3 + 3^2 - 3^1}{2^4 - 2^3 + 2^2 - 2^1} =$
 - (d) $120 \div 6 \cdot 2 - (6 \cdot 4 - (5^2 - 3)) =$
 - (e) $\frac{5^3 - 2^2 \cdot 5^2}{3^3 - 2(2^3 + 3)} =$
 - (f) $(2(4^2 - 3) - 3(3^2 - 7)) \div 4 \cdot 7 =$
 - (g) $\frac{(1 + 3 + 6)^2}{1^2 + 3^2} - 2 \left(\frac{6 \cdot 8 - 3 \cdot 5}{3^2 + 2} \right) =$
10. A, B, and C worked together for a week. Together they made \$1200. They split the money into six equal shares. A took three shares, B took two shares, and C took one share. How much did they take each?