



15. Insert brackets to make the following statement true:

$$6^2 \div 2^3 + 1 \times 3 = 12$$

16. A garage charges a one-time fee of \$25.00 to inspect a car plus an additional \$55.00 per hour to fix it. John took his car to the garage and the total cost was \$245.00. How many hours did it take to fix his car?
17. Two numbers are in the ratio of 5 to 11. Their sum is 48. What are the two numbers?
18. To make a batch of 18 muffins, Jay needs  $\frac{3}{4}$  cups of flour,  $1\frac{1}{4}$  cups of sugar and  $\frac{1}{3}$  cup of milk. Calculate the amount of each ingredient Jay needs to make 90 muffins.
19. Steve drives his minibike at a speed of 28 km/h.  
a. Express the speed in m/s.  
b. How many seconds will it take Steve to travel 100 m?
20. Maggie deposited \$375 in a bank account that pays interest at a rate of 4.8% per year. How much interest will she earn in 30 months?