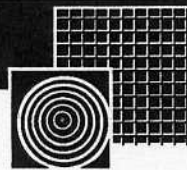


# Ratios, Proportions and Percents



## Problems with Percents

1. In a group of 60 children, 12 have brown eyes. What percent have brown eyes?
2. A salesman makes a 5% commission on all he sells. How much does he have to sell to make \$1500?
3. A sales tax of  $5\frac{3}{4}\%$  is charged on a blouse priced at \$42. How much sales tax must be paid?
4. A baby weighed 7.6 pounds at birth and  $9\frac{1}{2}$  pounds after 6 weeks. What was the percent increase?
5. A scale model of a building is 8% of actual size. If the model is 1.2 meters tall, how tall is the building?
6. The purchase price of a camera is \$84. The carrying case is 12% of the purchase price. Find the total cost including the carrying case.
7. The regular price of a record cost is \$15. Find the discount and the new price if there is a 20% discount.
8. A basketball team played 45 games. They won 60% of them. How many did the team win?
9. A test had 50 questions. Joe got 70% of them correct. How many did Joe get correct?
10. Diet soda contains 90% less calories than regular soda. If a can of regular soda contains 112 calories, how many calories does a can of diet soda contain?