

# Writing a ratio as a percentage without a calculator: Worksheet 9.1

Name ..... Date ..... Score .....

1. In a bag of 96 candies, the number of yellow candies is 60 and the rest are blue candies. What is the percentage of yellow candies in the bag?
2. The length and width of a room measure 40 feet. If the length of the room is 28 feet, what is the percentage of the width of the room?
3. Twelve people voted for candidate A during a class election. If there were a total of 50 votes, what is the percentage of votes polled by candidate A?
4. A box of candy has 21 pieces in all. If 14 of the pieces are cherry flavored, what is the percentage of cherry flavored candies?
5. At a summer camp there were a total of 99 boys and girls. If there were 66 boys, what is the percentage of girls that were there?
6. At a bakery a total of 80 items were sold. If 36 of the items sold were cookies and the rest were brownies what is the percentage of brownies that were sold?
7. While completing an 80-minute race, Joe spent 56 minutes walking and the rest jogging. What percentage of the time did he spend jogging in the race?
8. A vendor sold a total of 70 snack items during a football game. If he sold 42 hotdogs and rest hamburgers, what is the percentage of hamburgers that he sold?
9. One day a DVD store rented out 40 movies of which 16 were comedies and rest were action movies. What is the percentage of action movies that were rented?
10. A restaurant sold 50 burritos in a day of which 15 were bean burritos and the rest were beef burritos. What is the percentage of beef burritos that were sold?



## Solutions: Worksheet 9.1

1. 62.5%
2. 30%
3. 24%
4.  $66\frac{2}{3}\%$
5.  $33\frac{1}{3}\%$
6. 55%
7. 30%
8. 40%
9. 60%
10. 70%

