Writing a ratio as a percentage without a calculator: Worksheet 9.3

Name	Date	Score
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- 1. In a bag of 96 candies, the number of yellow candies is 48 and the rest are blue candies. What is the percentage of yellow candles in the bag?
- 2. The length and width of a room measure 50 feet. If the length of the room is 28 feet, what is the percentage of the width of the room?
- 3. Eighteen 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 25 pieces in all. If 12 of the pieces are cherry flavored, what is the percentage of cherry flavored candies?
- 5. At a summer camp there were a total of 90 boys and girls. If there were 60 boys, what is the percentage of girls that were there?
- 6. At a bakery a total of 80 items were sold. If 32 of the items sold were cookies and the rest were brownies what is the percentage of brownies that were sold?
- 7. While completing a 70-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 49 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 24 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 21 were bean burritos and the rest were beef burritos. What is the percentage of beef burritos that were sold?



Solutions: Worksheet 9.3

- 1. 50%
- 2. 44%
- 3. 36%
- 4. 48%
- 5. $33\frac{1}{3}\%$
- 6. 60%
- 7. 20%
- 8. 30%
- 9. 40%
- 10. 58%