Module 7   Ratio, Proportion, and Percent
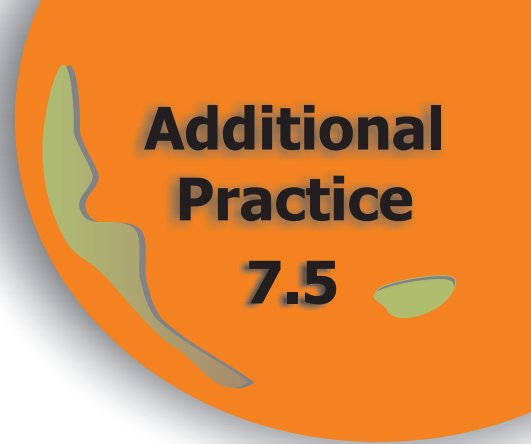**Lesson 5**   Percent Proportions

Additional Practice 7.5

1. Tony answered 18 out of 20 questions correctly. What percent of the questions did Tony answer correctly?

   Tony answered 90% of the questions correctly.

2. There were 140 students on a field trip. All of the students were either sixth or seventh graders. If 84 of the students were sixth graders, what percent of the students were seventh graders?

   Forty percent of the students were seventh graders.

3. Estimate 14% of 307.

   About 45

4. Shirley bought a necklace priced at $17. Since she is an employee of that store, she got a discount of 10%. What is the amount of the discount she received? How much did she pay in total if the sales tax is 6%?

   Discount: $1.70; Total paid: $16.22

5. Don's breakfast bill came to $8.23. Estimate a 15% tip and a 20% tip.

15% tip: about $1.20; 20% tip: about $1.60

6. A store in a sports stadium buys sports caps for $4 and sells them at a markup of 650%. Find the selling price of a sports cap in the stadium.

The selling price is $30.

7. Heather bought a CD that was originally priced $21 for 15% off. Sandra bought the same CD at another store where it was originally priced $24 but had a sale for 25% off. Who paid less for the CD? How much less?

Heather paid $0.15 less than Sandra did.

Module 7   Lesson 5

Additional Practice