Lesson 7 Extra Practice

Ratio and Rate Problems

1. A class survey showed that 8 out of 25 students had plans to travel over spring break. How many students out of the 400 students in the entire school would you expect to be traveling over spring break?

2. The world’s fastest insect is the dragonfly, which can fly up to 36 miles per hour. At this rate, how long would it take a dragonfly to travel 54 miles?

3. If 15 pies will serve 120 people, how many pies are needed for 152 people?

4. Leonardo recorded his speed while skateboarding and determined he was traveling 18 feet per second. How many feet could he travel in one minute?