Problem Solving
4-5 Equivalent Fractions

About 60 million Americans exercise 100 times or more each year. Their top activities and the fraction of those 60 million people who did them are shown on the circle graph. Use the graph to answer the questions.

1. Which two activities on the graph did the same number of people use to keep in shape?

2. Which activity did \(\frac{3}{15}\) of the people use to exercise?

3. Which activity had the most participants? Write an equivalent fraction for that activity’s participants.

4. Which activity had the fewest participants? Write two equivalent fractions for that activity’s participants.

5. Which fitness activity did \(\frac{35}{300}\) of the regular exercisers in the United States use to stay healthy?

Circle the letter of the correct answer.

6. An average-sized person can burn about \(6\frac{1}{2}\) calories a minute while riding a bike. Which of the following is equivalent to that amount?
   
   A 1\(\frac{2}{2}\)  
   B 5\(\frac{6}{2}\)  
   C 6\(\frac{2}{4}\)  
   D 6\(\frac{2}{6}\)

7. An average-sized person can burn about 11.25 calories a minute while jogging. Which of the following is not equivalent to that amount?

   F 11\(\frac{1}{4}\)  
   G 11\(\frac{1}{2}\)  
   H 11\(\frac{2}{8}\)  
   J 11\(\frac{3}{12}\)