Converting a fraction to a percentage in a real-world situation: Worksheet 13.1

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

1. In a survey one in eight people said they preferred a certain brand of cookies. What is this number as a percentage?

2. Selina is working on a problem involving 1/4. How will she write it as a percentage?

3. In a clearance sale a shop offers 60% off the original prices. What fraction is taken off the prices?

4. In Serena's high school, 32% of the students ride a bicycle to the school. What fraction of the students ride bicycle to school?

5. A school cafeteria offers a burger lunch choice 2 out of 5 days. What percent of the time is a burger lunch offered?

6. A survey of students found that three out of every four students had never been outside their hometown. What percent of the students had never been outside their hometown?

7. A club has taught yoga exercises in 56% of a state's parks. In what fraction of the parks has the club taught the exercises?

8. Kate works in a grocery store. She spends 38% of her pay in her own store. Write a fraction that represents the amount of pay she spends in her store.

9. Santos spelled 9 out of 20 words correctly on his test. Write his test score as a percent.

10. Jeanie has a basket of oranges to sell. 1 out of every 5 oranges are not ripe yet. What percent of her oranges are not ripe?

1. 12.5%

2. 25%

3. 3/5

4. 8/25

5. 40%

6. 75%

7. 14/25

8. 19/50

9. 45%

10. 20%