

Name \_\_\_\_\_

Period \_\_\_\_\_

**Fractions and Decimal Conversions****Rename each fraction as a decimal.**

1.  $\frac{17}{50}$

4.  $\frac{3}{20}$

2.  $\frac{3}{5}$

5.  $\frac{7}{25}$

3.  $\frac{34}{500}$

6.  $\frac{1}{4}$

**Rename each decimal as a fraction in simplest form.**

7. 0.64

10. 0.06

8. 0.035

11. 0.8

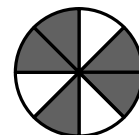
9. 0.5

12. 0.002

13. Seven out of one hundred people surveyed have been involved in an automobile accident. Find the equivalent decimal.

14. Most people with color blindness have trouble distinguishing between shades of red and green. About 0.05 of men in the world are color blind. What fraction in simplest form of men are color blind?

15. Write the decimal and fraction in simplest form to represent the shaded portion of the model.



16. Fifty police officers took part in a poll. Thirty-four of the officers said that they ticketed at least one person last month for a traffic violation. Find the equivalent decimal.

17. The highway patrol uses radar. The radar shows that 0.125 of the cars on the highway break the speed limit. Find the fraction in simplest form equivalent to represent the cars breaking the limit.