

## Lesson 1&2 Homework Practice - *Decimals and Fractions*

Write each decimal as a fraction in simplest form.

1. 0.5

2. 0.8

3. 0.9

4. 0.75

5. 0.48

6. 0.72

Write each decimal as a mixed number in simplest form.

7. 3.6

8. 10.4

9. 2.11

Write each fraction or mixed number as a decimal.

10.  $\frac{7}{8}$

11.  $\frac{7}{20}$

12.  $\frac{13}{250}$

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

14.  $9\frac{29}{40}$

15.  $7\frac{29}{80}$

**16. DISTANCE** The library is 0.96 mile away from Theo's home. Write this distance as a fraction in simplest form.

**17. INSECTS** A Japanese beetle has a length between 0.3 and 0.5 inch. Find two lengths that are within the given span. Write them as fractions in simplest form.

Write each percent as a fraction in simplest form.

18. 60%

19. 16%

20. 4%

21. 35%

22. 10%

23. 1%

**24. ENERGY** The United States uses 24% of the world's supply of energy. What fraction of the world's energy is this?