Name _____

Equivalent Fractions

P 3-7

Find two fractions equivalent to each fraction.

1. $\frac{5}{6}$ _____ **2.** $\frac{15}{30}$ _____ **3.** $\frac{45}{60}$ _____

Rewrite each pair of fractions with a common denominator.

4. $\frac{5}{8}, \frac{3}{4}$ _____ **5.** $\frac{2}{5}, \frac{1}{2}$ _____ **6.** $\frac{9}{9}, \frac{5}{7}$ _____

Write each fraction in simplest form.

7. $\frac{9}{54}$ _____ **8.** $\frac{20}{40}$ _____ **9.** $\frac{100}{110}$ _____

10. Number Sense Are the fractions $\frac{5}{1}$, $\frac{5}{5}$, and $\frac{1}{5}$ equivalent?

_____

11. The United States currently has 50 states. What fraction of the states had become a part of the United States by 1795? Write your answer in simplest form.

_____

12. In what year was the total number of states in the United States $\frac{3}{5}$ the number it was in 1960?

_____

Number of States in the United States

Year	Number of States
1795	15
1848	30
1900	45
1915	48
1960	50

13. The United States currently has 50 states. What fraction of the states had become a part of the United States by 1915? Write your answer in simplest form. _____

Test Prep

14. Which of the following pairs of fractions are equivalent?

A. $\frac{1}{10}, \frac{3}{33}$ **B.** $\frac{9}{5}, \frac{5}{9}$ **C.** $\frac{5}{45}, \frac{1}{9}$ **D.** $\frac{6}{8}, \frac{34}{48}$

15. Writing in Math In what situation can you use only multiplication to find equivalent fractions to a given fraction? Give an example.

_____

_____

© Pearson Education, Inc. 6