Equivalent Fractions and Simplifying Fractions

Practice Sheet

A. Write in the missing number to make equivalent fractions.

(MULTIPLY OR DIVIDE THE NUMERATOR AND DENOMINATOR BY THE SAME NUMBER.)

1. $\dfrac{3}{4} \quad \dfrac{12}{\rule{1cm}{0.15mm}}$

4. $\dfrac{4}{8} \quad \dfrac{1}{\rule{1cm}{0.15mm}}$

2. $\dfrac{5}{6} \quad \dfrac{10}{\rule{1cm}{0.15mm}}$

5. $\dfrac{\rule{1cm}{0.15mm}}{10} \quad \dfrac{14}{20}$

3. $\dfrac{6}{9} \quad \dfrac{\rule{1cm}{0.15mm}}{3}$

6. $\dfrac{15}{\rule{1cm}{0.15mm}} \quad \dfrac{3}{4}$

B. Are these fractions in their simplest forms? Write yes or no.

(IF THE GCF IS 1, IT IS SIMPLIFIED.)

7. $\dfrac{1}{9}$

9. $\dfrac{7}{21}$

8. $\dfrac{3}{8}$

10. $\dfrac{8}{10}$

C. Simplify these fractions.

(YOU CAN ONLY DIVIDE TO SIMPLIFY FRACTIONS. DIVIDE BY THE GCF.)

11. $\dfrac{5}{10}$ —

12. $\dfrac{6}{18}$ —

13. $\dfrac{10}{15}$ —

14. $\dfrac{4}{16}$ —

15. $\dfrac{8}{24}$ —

16. $\dfrac{3}{21}$ —