Lesson 3.1 Practice: Fractions and Equivalent Fractions

School Launch · Pre-Algebra · Unit 3: Fractions · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Find x so the fractions are equivalent: $\frac{1}{8} = \frac{x}{24}$. EASY

2. Find x so the fractions are equivalent: $\frac{1}{9} = \frac{x}{18}$. EASY

3. Find x so the fractions are equivalent: $\frac{1}{7} = \frac{x}{21}$. EASY

4. Find x so the fractions are equivalent: $\frac{30}{x} = \frac{5}{6}$. MEDIUM

5. Find x so the fractions are equivalent: $\frac{24}{x} = \frac{4}{5}$. MEDIUM

6. Find x so the fractions are equivalent: $\frac{3}{x} = \frac{1}{4}$. MEDIUM

7. Find x so the fractions are equivalent: $\frac{20}{x} = \frac{5}{9}$. MEDIUM

8. Find x so the fractions are equivalent: $\frac{7}{21} = \frac{8}{x}$. HARD

9. Find x so the fractions are equivalent: $\frac{12}{42} = \frac{14}{x}$. HARD

10. Find x so the fractions are equivalent: $\frac{9}{27} = \frac{10}{x}$. HARD