Lesson 2.4 Practice: Equations with Fractions and Decimals

School Launch · Algebra I · Unit 2: Solving Linear Equations · 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. Solve: $\frac{x}{4} - 4 = -5$. EASY

2. Solve: $\frac{x}{5} + 7 = 9$. EASY

3. Solve: $\frac{x}{4} + 9 = 7$. EASY

4. Solve: $\frac{2}{6}x + \frac{5}{2} = \frac{13}{6}$. MEDIUM

5. Solve: $\frac{1}{4}x + \frac{5}{6} = -\frac{5}{12}$. MEDIUM

6. Solve: $\frac{1}{4}x + \frac{7}{2} = \frac{21}{4}$. MEDIUM

7. Solve: $\frac{1}{6}x + \frac{7}{3} = \frac{19}{6}$. MEDIUM

8. Solve: $1.9x - 0.31 = -6.01$. HARD

9. Solve: $3.8x + 0.3 = 23.1$. HARD

10. Solve: $3.6x + 0.05 = -21.55$. HARD