

## Algebra I Worksheet #2 Unit 5 Selected Solutions

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \frac{9x - 5}{+5} = \frac{-8}{+5}$$

$$\frac{9x}{9} = \frac{-3}{9}$$

$$x = \frac{-1}{3}$$

$$5. \quad \frac{12x + 7}{-7} = \frac{-8}{-7}$$

$$\frac{12x}{12} = \frac{-15}{12}$$

$$x = \frac{-5}{4}$$

$$8. \quad \frac{-15x + 6}{-6} = \frac{-14}{-6}$$

$$\frac{-15x}{-15} = \frac{-20}{-15}$$

$$x = \frac{4}{3}$$

$$12. \quad \frac{5 - 6x}{-5} = \frac{15}{-5}$$

$$\frac{-6x}{-6} = \frac{10}{-6}$$

$$x = \frac{-5}{3}$$