Algebra I – _____   Name_____

NOTES: One-Step Equations with   Date_____
   Rational Coefficients

To solve an equation when the coefficient is a fraction, _____ each side

   of the equation by the _____ of the fraction.

Examples: Solve the following equations. Remember to **check your solutions**.

1) $\dfrac{3}{4}c = 18$ 2) $\dfrac{1}{5}x = 12$

3) $-\dfrac{2}{9}d = 4$ 4) $15 = \dfrac{5}{3}n$

5) $1\dfrac{1}{2}s = 16\dfrac{1}{2}$ 6) $4\dfrac{1}{6} = 3\dfrac{1}{3}c$

To solve an equation with a decimal coefficient, _____ each side of the

   equation by the _____.

Examples: Solve the following equations. Remember to **check your solutions**.

1) $3.15 = 0.45n$

2) $4.9 = 0.7k$

3) $-1.4m = 2.1$

4) $-5.6g = -12.88$

5) $9.6 = 1.2b$

6) $0.76a = -9$