

# Algebra I

## 4.4 Warm-Up #2

### Solving Equations with Rational Coefficients

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_ HOUR: \_\_\_\_\_

Solve by multiplying both sides of the equations by the reciprocal of the coefficient. Show your work. Box and check your solutions.

1.  $\frac{2}{3}n = 10$

2.  $\frac{1}{4}n = 5$

3.  $\frac{3}{5}n = 12$

4.  $\frac{3}{4}n = 60$

5.  $\frac{2}{9}n = 4$

6.  $\frac{4}{3}n = 16$

over

Solve by multiplying both sides of the equations by the reciprocal of the coefficient. Show your work. Box and check your solutions.

7.  $\frac{7}{8}n = 21$

8.  $\frac{3}{5}n = 33$

9.  $\frac{9}{8}n = 72$

10.  $\frac{5}{6}n = 30$

11.  $\frac{2}{7}n = 8$

12.  $\frac{3}{4}n = 100$

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