

Name: _____

Date: _____

Algebra I

Directions: Solve and check.

1. $\frac{1}{2}x + \frac{1}{3}x = 30$

2. $3x + \frac{1}{6}x = 38$

3. $\frac{1}{5}x + \frac{2}{3}x = 39$

4. $\frac{1}{7}x + \frac{3}{5}x = 13$

5. $\frac{3}{4}x + 12 = \frac{2}{3}x$

6. $\frac{2}{3}x - 15 = \frac{1}{6}x$

7. $\frac{x}{4} - \frac{x}{3} = 6$

8. $\frac{3}{5}x + \frac{x}{2} = 1\frac{1}{10}$

9. $\frac{5}{6}x + \frac{2}{3}x = \frac{1}{2}$

10. $2x - \frac{3}{4}x = 4$

11. $\frac{2}{3}x - \frac{1}{6}x = \frac{-4}{3}$

12. $\frac{4}{7}x + \frac{3}{4}x = 74$