

Name: _____ Date: _____

Solve each of the following equations by first clearing the fractions from the equation.

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

2. $\frac{7}{8}x + \frac{1}{4} = \frac{3}{2}x$

3. $\frac{3}{4}(m + 2) = 2m + 3$

4. $\frac{3(x-5)}{2} = \frac{2(x+5)}{3}$

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

$$6. \quad \frac{2}{9}(x - 4) = \frac{1}{3}x + 7$$

$$7. \quad \frac{5x+12}{6} = 2 + \frac{5}{6}x$$

$$8. \quad 15 - \frac{2}{3}x = 15 - \frac{1}{8}x$$