

Fraction Buster Equations

Name: _____

Solve each equation. SHOW YOUR WORK and clearly label your answer.

1)
$$\frac{x+3}{5} - \frac{3x}{10} = 7$$

2)
$$\frac{x}{3} - \frac{2x}{5} = -\frac{7}{15}$$

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

4)
$$\frac{x}{5} + 1 = -6$$

5)
$$\frac{x}{3} + \frac{x}{5} = 16$$

6)
$$\frac{3x}{5} + \frac{3}{2} = \frac{7x}{10}$$

$$7) \quad \frac{x}{7} + \frac{x}{3} = 10$$

$$8) \quad \frac{(2x-3)}{6} = \frac{2x}{3} + \frac{1}{2}$$

$$9) \quad \frac{4x}{3} + \frac{3x}{2} = \frac{17}{6}$$

$$10) \quad \frac{x}{2} + \frac{x}{6} = 7$$

$$11) \quad \frac{x+3}{3} - \frac{x}{4} = \frac{x-2}{5}$$

$$12) \quad \frac{x}{9} + \frac{2x}{2} = \frac{1}{3}$$