

Fraction Busters: Solving equations with fractional coefficients. Show all work. NAME:

1.

$$\frac{x}{6} + \frac{3x}{3} = 5$$

2.

$$\frac{x}{4} + \frac{x}{2} = -3$$

3.

$$\frac{x}{4} + \frac{x}{3} = -5$$

4.

$$\frac{2y}{5} + \frac{y}{2} = 7$$

5.

$$\frac{4x}{3} + \frac{1}{2} = \frac{-5x}{6}$$

6.

$$\frac{x}{6} + \frac{x-2}{4} = 5 + x$$

7.

$$\frac{2t}{3} + \frac{t}{9} = \frac{4}{3}$$

8.

$$\frac{5p}{4} + \frac{p}{5} = -3$$

9.

$$3m - \frac{2}{5} = \frac{5m}{2}$$

10.

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

11.

$$\frac{1}{2} + \frac{4p}{3} = \frac{5p}{2}$$

12.

$$\frac{p+1}{2} + \frac{p}{5} = \frac{-2p}{6}$$

13.

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

14.

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

15.

$$\frac{2y}{5} - \frac{3y}{8} = \frac{7}{2}$$

16.

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

17.

$$\frac{7y}{4} - \frac{y+3}{2} = 6$$

18.

$$\frac{w+1}{3} - \frac{w}{7} = \frac{w+4}{7}$$