

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

$$5\left[\frac{4}{5}x + 1\right] = 5(-4)$$

$$5 \cdot \frac{4}{5}x + 5(1) = -20$$

$$4x + 5 = -20$$

$$\begin{array}{r} -5 \\ -5 \end{array}$$

$$4x = -25$$

$$\frac{4}{4}x = \frac{-25}{4}$$

$$x = \frac{-25}{4}$$

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

The LCD is 18.

$$18\left[\frac{3}{2}x - \frac{1}{6}x + \frac{2}{9}\right] = 18 \cdot \frac{1}{3}$$

$$18 \cdot \frac{3}{2}x - 18 \cdot \frac{1}{6}x + 18 \cdot \frac{2}{9} = 6$$

$$27x - 3x + 4 = 6$$

$$24x + 4 = 6$$

$$\begin{array}{r} -4 \\ -4 \end{array}$$

$$24x = 2$$

$$\frac{24}{24}x = \frac{2}{24}$$

$$x = \frac{2}{24}$$

$$x = \frac{1}{12}$$