

Solving Equations Part II.

Clearing fractions review.

$$8 \left(\frac{3}{4} \right)$$

$$\frac{8}{1} \left(\frac{3}{4} \right)$$

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$$8 \left(\frac{3}{4} - \frac{5}{8} \right)$$
$$\left(\frac{3}{4} \right) - \left(\frac{5}{8} \right)$$

$$\text{LCD} = 6 \quad \frac{3}{2}x - \frac{5}{3} = \frac{1}{6}$$

$$6 \left(\frac{3}{2}x - \frac{5}{3} \right) = 6 \left(\frac{1}{6} \right)$$

$$\left(\frac{3}{2} \right) x - \left(\frac{5}{3} \right) = \left(\frac{1}{6} \right)$$



$$2x - \frac{5}{4} = \frac{1}{2}x + 3 \quad \text{LCD} = 4$$

$$(2x) - \left(\frac{5}{4}\right) = \left(\frac{1}{2}\right)x + (3)$$

$$\text{LCD} = 100$$

$$0.\underbrace{05}_x + 0.\underbrace{25}_x(12 - x) = 2.\underbrace{40}_x$$

$$\frac{5}{\cancel{100}}x + \frac{25}{\cancel{100}}(12 - x) = \frac{240}{\cancel{100}}$$

$$5x + 25(12 - x) = 240$$

$$\text{LCD} = 100 \quad 0.05x + 0.25(12 - x) = 2.40$$

$$\overbrace{100(0.05)}^{\text{LCD} \cdot \text{coeff}} x + \overbrace{100(0.25)}^{\text{LCD} \cdot \text{coeff}} (12 - x) = \overbrace{100(2.40)}^{\text{LCD} \cdot \text{const}}$$

$$+ \quad (12 - x) =$$