

$$\frac{4}{3}x = \frac{9}{4} \quad \text{LCD} =$$

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$$16x = 27$$

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

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

$$9x = 10 + 5$$

$$\underline{9x} = \underline{15}$$

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

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

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

$$8x = 2 + 5$$

$$8x = 7$$