

# [12-02-09A-T]

## Algebra Practice

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Solve for the unknown.

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

$$[2] 0.1x + .002 = 0.05x + 0.4$$

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

**Answers:** [1]  $x = -8$ , [2]  $x = 7.96$ , [3]  $x = \frac{63}{5}$