

# [12-02-07-T]

## Algebra Practice

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Solve for the unknown.

$$[1] \quad 5 - 3(x - 2) = 7 + 3(x - 5)$$

$$[2] \quad 3x - \frac{2}{3} = \frac{1}{6}x + 7$$

$$[3] \quad \frac{1}{2} - 2(x + 3) = 7 - 3(x - 4)$$

**Answers:**    [1]  $x = \frac{19}{6}$ ,    [2]  $x = \frac{46}{17}$ ,    [3]  $x = \frac{49}{2}$