

[12-02-01-T]

Algebra Practice

Solve for the unknown.

$$[1] \quad 3\left(\frac{2x}{5} + 1\right) = 7 - \left(x - \frac{1}{5}\right)$$

$$[2] \quad 8 - \frac{1}{2}(3x - 2) = 2(x - 3)$$

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

Answers: [1] $x = \frac{21}{11}$, [2] $x = \frac{30}{7}$, [3] $x = \frac{29}{10}$