

[12-02-14A-T]

Algebra Practice

Solve for the unknown.

$$[1] \quad 2(3x + 5) - (x + 4) = x - 2(x - 2)$$

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

$$[3] \quad \frac{1}{3013}(x - 6) = \frac{2x}{3013}$$

Answers: [1] $x = -\frac{1}{3}$, [2] $x = \frac{7}{36}$, [3] $x = -6$