

[12-02-02-T]

Algebra Practice

Solve for the unknown.

$$[1] \quad 10 - 2(3 - x) = 1 - (x - \frac{1}{2})$$

$$[2] \quad 4444(1107x - 2) = 2222(2213x - 3)$$

$$[3] \quad \frac{1}{4444}(2213x - 2) = \frac{1}{2222}(1107x - 3)$$

Answers: [1] $x = -\frac{5}{6}$, [2] $x = 1$, [3] $x = 4$