

[12-03-05A-T]

Algebra Practice

Solve for the unknown.

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

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

[3] simplify $\frac{\frac{2}{3} - \frac{1}{2}}{\frac{1}{4} + \frac{1}{2}}$

Answers: [1] $x = 145$, [2] $x = \frac{37}{17}$, [3] $\frac{2}{9}$