Solving Linear Equations 3

Solve the following equations. SHOW YOUR WORK!

1) \(-3x + 2 = -4\)

2) \(-6x + 5 = -4x + 3\)

3) \(2x + 1 = 2(x - 3) + 4\)

4) \(6x + 5 = 4(x + 1) + 1\)

5) \(\frac{1}{2}x + \frac{1}{3} = \frac{5}{6}x - \frac{3}{4}\)

6) \(\frac{1}{2}(x + 5) = \frac{1}{3}x + \frac{1}{4}\)

7) \(\frac{x}{8} + \frac{x}{12} - \frac{x}{6} = 1\)

8) \(0.04x + 0.08(20 - x) = 1.4\)

9) \(5x + 4 = 3(2x - 1) - x + 7\)

10) \(5(2x + 4) - (x - 6) = 10\)