

## 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)  $5(2x + 4) - (x - 6) = 10$