Solving Equations 8 (11)

Using the Distributive Property of Multiplication

1)
$$10 + 6(x - 4) = 4(x + 1)$$

3)
$$9x - 90 = 18(4x - 5)$$

2)
$$5(x-2) = 6 + x$$

4)
$$4(x+1) = 8x - 8$$

5)
$$5 - (x + 3) = -1 + 7(x - 3)$$

7) $\frac{1}{2}(10-8x) = x$

6)
$$3(x+4) = 2(x-2)$$

8) 2(x+1) = 3x + 7