

Evaluate the algebraic expression for the given value(s) of the variable(s).

$$45) \underline{-7x + 8}; \underline{x = -2} = \boxed{22}$$

Ch 6.1

$$46) x^2 + 2x; x = 5 = \boxed{35}$$

Chapter 6.1

Simplify the algebraic expression.

$$47) 6(2x - 1) - 8(x - 3)$$

$$\text{Ch 6.1 } \underline{12x - 6} - \underline{8x + 24} = 4x - 30$$

Solve and check the equation.

$$48) \underline{-3y - 3} = \underline{-1 + 10y} = 7y - 4$$

Ch 6.2

$$49) \widehat{3(4x - 2)} + \widehat{2(3x + 3)} = 3x - 30$$

$$\text{Ch 6.2 } \underline{12x - 2} + \underline{6x + 3}$$