

Concept HW_Grade-6_An Introduction to Algebra

Substituting Values of Variables

Evaluate the following expressions for $x = 2$

$$x + 10 = \quad \quad \quad 3x - 8 = \quad \quad \quad 16 + x^2 =$$

$$-2x - 12 = \quad \quad \quad x - 5x = \quad \quad \quad x^3 - 10 =$$

Evaluate the following expressions for $y = 5$

$$2y + 8 = \quad \quad \quad 20 + y^2 = \quad \quad \quad y - 13 =$$

$$-y + 14 = \quad \quad \quad 6y + 12 = \quad \quad \quad y^0 - 1 =$$

Evaluate the following expressions for $t = 6$

$$2t - 4 = \quad \quad \quad 25 - t^2 = \quad \quad \quad 5t + 20 =$$

$$-t + 15 = \quad \quad \quad t - 15 = \quad \quad \quad t^2 - 18 =$$

Evaluate the following expressions for $r = -5$

$$3r + 5 = \quad \quad \quad 12 + r^2 = \quad \quad \quad r - 10 =$$

$$-2r + 10 = \quad \quad \quad 3r - 15 = \quad \quad \quad r^3 + 15 =$$