

5-76. See below:

a. $-3.5, 1, 5.5, 10$

b. Evaluate the equation for $n = 15$.

5-77. $t(n) = 3n + 2$. $t(n + 1) = t(n) + 3$; $t(1) = 5$

5-78. $y = \frac{7}{2}x + 2$

5-79. See below:

a. $16x^2 - 25$

b. $16x^2 + 40x + 25$

5-80. Let $x =$ number of months; $2x + 105 = -3x + 130$; 5 months

5-81. See below:

a. No solution

b. $(7, 2)$