

6-25.

a. In **7** weeks.

b. George will score more with **1170** points, while Sally will have **970**.

6-26.

a. no solution

b.  $x = 13$

6-27.

$(-1, 3)$

6-28.

From an earlier lesson, association does not mean that one variable caused the other. One possible lurking variable is per capita wealth: wealthier nations may tend to have more TVs and also better health care.

6-29.

a. 17, 14, 11, ...

$$a_n = 20 - 3n$$

b. 20, 10, 5, ...

$$a_n = 40\left(\frac{1}{2}\right)^n$$

6-30.

a.  $x = 3$

b.  $x = 1$



