

5-120.

a. all numbers

b. **1, 2, 3, 4, ...**

c.  $x \neq 0$

d. **1, 2, 3, 4, ...**

5-121.

a. No; the **5th** term is **160**, and the **6th** term is **320**. Justifications vary.

b. Yes,  $x \approx$  **5.322**

5-122.

a.  $a_4 = a_3 + 6 = 23$

b.  $a_5 = a_4 + 6 = 29$

c. **5, 11, 17, 23, 29**

5-123.

a. The total number of batters that Kasmir faced.

b. The average number of strikeouts per inning pitched by Kasmir.

c. The total number of innings played by the Coopersville Mad Hens.

d. The fraction of the total innings played that were pitched by Kasmir.

e. The average number of pitches per inning for Kasmir.

5-124.

$775 - x$  meters

5-125.

$y = 3x$