

6-116.

a.  $(0, \frac{1}{3})$

b.  $(-6, 2)$

c. no solution

d.  $(11, -5)$

6-117.

$2n = p$  and  $n + p = 168$ ; 56 nectarines are needed.

6-118.

a. Yes, because these expressions are equal.

b.  $5(3y) + y = 32, y = 2, x = 3.5$

6-119.

$$a_n = t(n) = -2 + 6n$$

6-120.

$$y = -\frac{3}{2}x + 6$$

6-121.



a.  $2x^2 + 6x$

b.  $3x^2 - 7x - 6$

c.  $y = 3$

d.  $x = 2$