

**(pp. 14-15) #3-14 (all) AND #19-22 (all)**

3.  $k = 45; 45^\circ, 45^\circ, 90^\circ$

4.  $a = 60; 60^\circ, 120^\circ, 60^\circ, 120^\circ$

5.  $b = 90; 90^\circ, 135^\circ, 90^\circ, 90^\circ, 135^\circ$

6.  $x = 3$

7.  $c = 0.5$

8.  $x = -2$

9.  $h = -9$

10.  $v = 2$

11.  $x = -\frac{2}{9}$

12. They did not distribute the  $-2$  properly.

$$-2(7 - y) + 4 = -4$$

$$-14 + 2y + 4 = -4$$

$$2y - 10 = -4$$

$$2y = 6$$

$$y = 3$$

13. 20 watches

14. 10 ft

19.  $<$

20.  $=$

21.  $>$

**22. D**