

(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