

## Spiral Review

Solve each inequality. Check your solution, and then graph it on a number line. (Lesson 5-1)

52.  $a + 8 > 4$

53.  $6y \geq 5y + 21$

54.  $b + \frac{1}{2} < 1$

Find the inverse of each function. (Lesson 4-7)

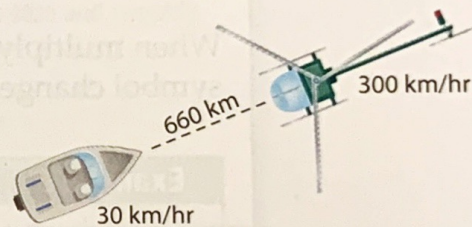
55.  $f(x) = -6x + 18$

56.  $f(x) = \frac{3}{7}x + 9$

57.  $f(x) = 4x - 5$

58. **HOME DECOR** Pam is having blinds installed at her home. The cost  $c$  of installation for any number of blinds  $b$  can be described by  $c = 25 + 6.5b$ . Graph the equation and determine how much it would cost if Pam has 8 blinds installed. (Lesson 3-1)

59. **RESCUE** A boater radioed for a helicopter to pick up a sick crew member. At that time, the boat and the helicopter were at the positions shown. How long will it take for the helicopter to reach the boat? (Lesson 2-9)



Solve each equation. (Lesson 2-5)

60.  $|x + 3| = 10$

61.  $|2x - 8| = 6$

62.  $|3x + 1| = -2$

## Skills Review

Solve each equation.

63.  $4y + 11 = 19$

64.  $2x - 7 = 9 + 4x$

65.  $\frac{1}{4} + 2x = 4x - 8$

66.  $\frac{1}{3}(6w - 3) = 3w + 12$

67.  $\frac{7r + 5}{2} = 13$

68.  $\frac{1}{2}a = \frac{a - 3}{4}$

