**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_**

**4.2 Graphing Equations – Practice 14**

**For Exercises 1-12, graph the equation and the point. Tell whether the ordered pair is a solution to the equation.**

**1.** *y* = –*x* + 2 (–1, 1) **2.** *y* = 3*x* – 5 (2, 1) **3.** *y* = 7 – 4*x* (3, 1)

**4.** *y* = –2*x* – 4 (–3, 2) **5.** *y* = 0.5*x* + 7 (4, 9) **6.** *y* = –5*x* + 1 (–1, 4)

**7.** *y* = –9 + 6*x* (–1, –3) **8.** *y* = 2 – 7*x* (1, –5) **9.** *y* = $\frac{1}{4}x$ – 8 (–6, 8)

**10.** *y* = –4 + $\frac{1}{5}x$ (5, –1) **11.** *y* = –$\frac{2}{3}x$ + 1 (0, 1) **12.** *y* = $\frac{3}{4}x-5$ (1, 8)

**13.** A major appliance repair company charges $38 for a house call and $26 per hour for time spent repairing an appliance. The cost of a repair is a function of time spent by the repair person.

a. Write an equation for the function.

b. Make a table of values for the function.

c. Graph the function.