

LESSON

Technology Lab Recording Sheet p. 91**2-3** *Solve Equations by Graphing***Try This**

1. Solve by graphing.

$$3x - 4 = 2 \quad \underline{\hspace{2cm}}$$

$$3x - 4 = 17 \quad \underline{\hspace{2cm}}$$

$$3x - 4 = -7 \quad \underline{\hspace{2cm}}$$

2. Trace to any point on the line. What do the
- x
- and
- y
- values mean in terms of the equation?

3. What do you think the line in the graph represents?

4. Describe a procedure for finding the solution of
- $3x - 4 = y$
- for any value of
- y
- .

5. Solve by graphing.

$$\frac{1}{2}x - 7 = -4 \quad \underline{\hspace{2cm}}$$

$$\frac{1}{2}x - 7 = 0 \quad \underline{\hspace{2cm}}$$

$$\frac{1}{2}x - 7 = 2 \quad \underline{\hspace{2cm}}$$