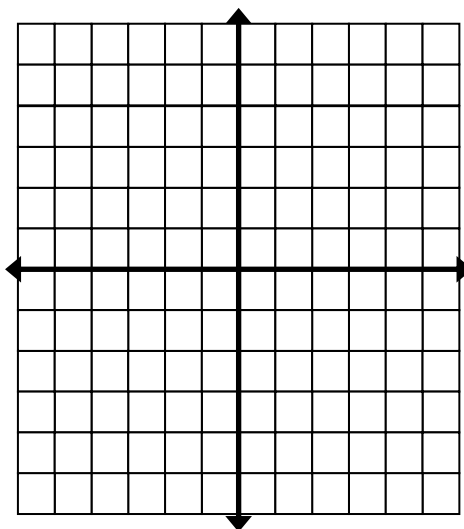


# Graphing Square Root Functions Bell Work

1. Fill table and plot the points on the graph for  $y = \sqrt{x}$ .

x	y



2. Is the graph of  $y = \sqrt{x}$  linear or nonlinear?

- a. Linear
- b. Nonlinear

3. Write T for true or F for false.

- a. For  $y = \sqrt{x}$   $x \geq 0$   $y > 0$
- b. For  $y = \sqrt{x}$   $x \geq 0$   $y \geq 0$
- c. For  $y = \sqrt{x}$   $x > 0$   $y \geq 0$

4. Complete the following statement.

- a. The square root function is the inverse of \_\_\_\_\_ function with a domain limited to 0 and positive real numbers.

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

# Graphing Square Root Functions Bell Work

5. Underline the domain and range of  $y = \sqrt{x - 6}$

- a. D:  $[0, \infty]$  R :  $[0, \infty]$
- b. D:  $[0, \infty]$  R :  $[6, \infty]$
- c. D:  $[6, \infty]$  R :  $[0, \infty]$