

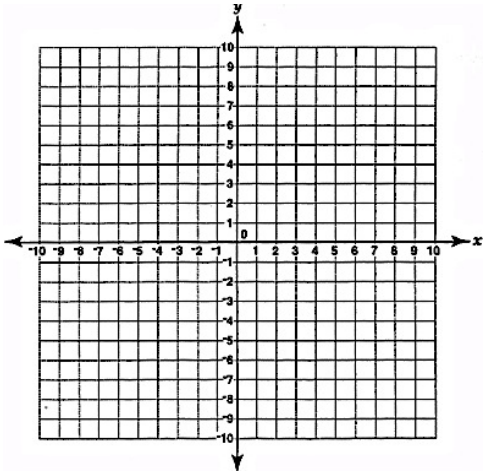
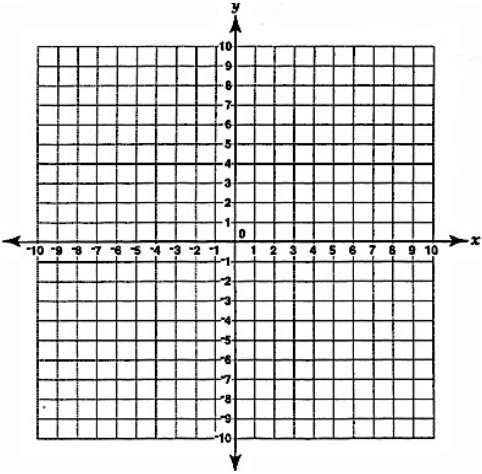
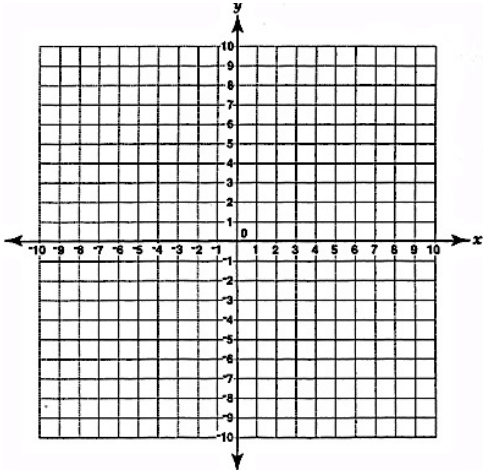
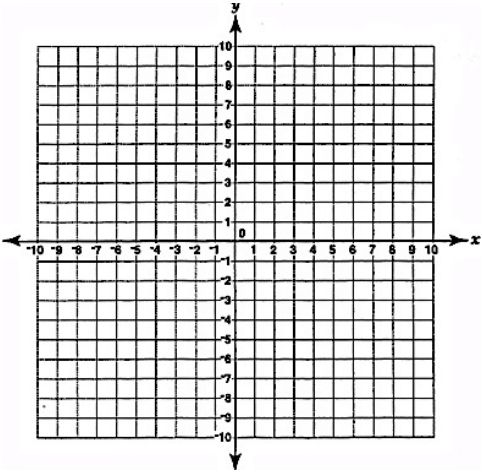
**Algebra 1**  
**Section 10.1 p548**

Name \_\_\_\_\_

Describe the domain of the function.

6.	9.
10.	11.

Graph the function. Describe the domain and the range.

<p>19.</p>  <p>D = _____ R = _____</p>	<p>21.</p>  <p>D = _____ R = _____</p>
<p>24.</p>  <p>D = _____ R = _____</p>	<p>25.</p>  <p>D = _____ R = _____</p>

35. Describe the error. Do not correct.

Describe the transformations from the graph of  $f(x) = \sqrt{x}$  to the graph of  $h(x)$ .  
Do not graph.

37.	38.
40.	42.
43.	44.

**Mixed Review**

1. Is the sequence 4, 8, 12, 16, ... arithmetic or geometric? Why?	2. Simplify: $(3x-2)^2$
3. What is the vertex of $f(x) = 2(x-1)^2 + 3$ ?	4. Solve: $4^{2x-1} = 2^{x+7}$