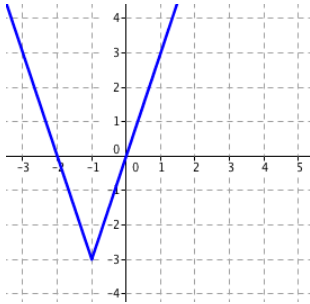
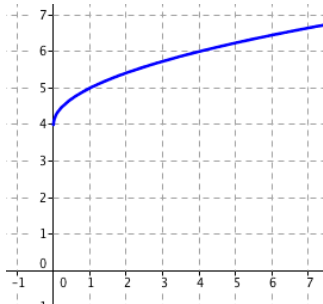
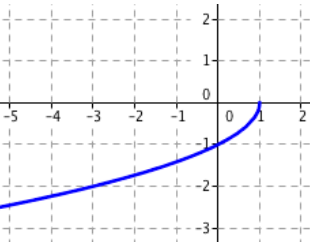
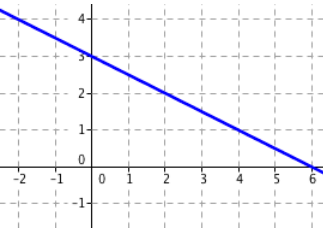
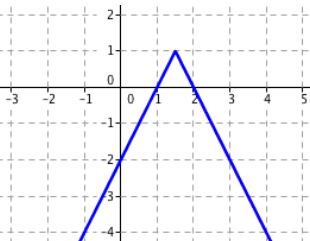
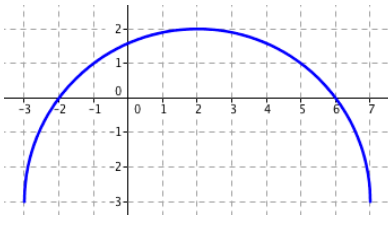
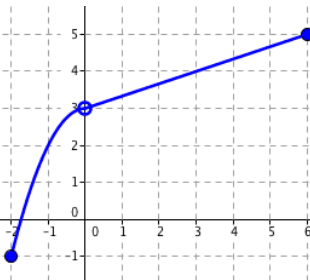
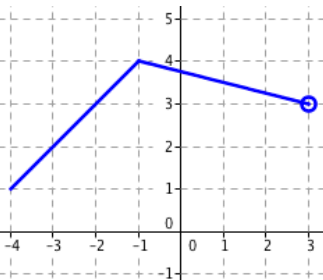


Domain and Range

I. State the domain and range. For odds use *interval* notation. For evens use *set* notation.

<p>1.</p> 	<p>2.</p> 
<p>3.</p> 	<p>4.</p> 
<p>5.</p> 	<p>6.</p> 
<p>7.</p> 	<p>8.</p> 

II. Sketch each graph, then state the domain and range. For odds use *interval* notation. For evens use *set* notation.

9. $y = -\frac{2}{3}x + 9$	10. $y = - x + 6 - 1$	11. $y = x^2$	12. $y = 7$
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ANSWERS

1. $D: (-\infty, \infty), R: [-3, \infty)$

2. $D: \{x|x \geq 0\}, R: \{y|y \geq 4\}$

3. $D: (-\infty, 1], R: (-\infty, 0]$

4. $D: \{x|x \in R\}, R: \{y|y \in R\}$

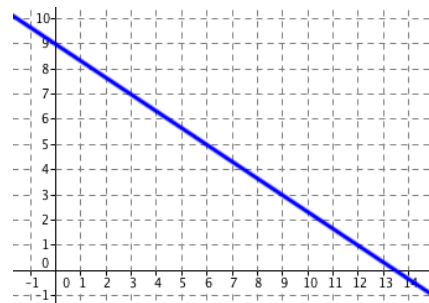
5. $D: (-\infty, \infty), R: (-\infty, 1]$

6. $D: \{x|-3 \leq x \leq 7\}, R: \{y|-3 \leq y \leq 2\}$

7. $D: [-2, 0) \cup (0, 6], R: [-1, 3) \cup (3, 5]$

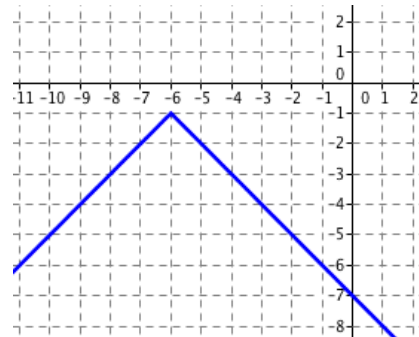
8. $D: \{x|-4 \leq x < 3\}, R: \{y|1 \leq y \leq 4\}$

9.



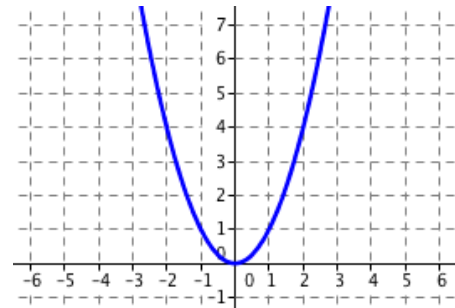
$D: (-\infty, \infty), R: (-\infty, \infty)$

10.



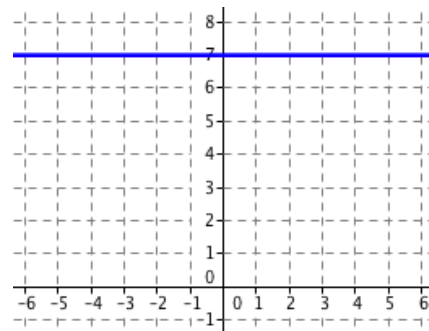
$D: \{x|x \in R\}, R: \{y|y \leq -1\}$

11.



$D: (-\infty, \infty), R: [0, \infty)$

12.



$D: \{x|x \in R\}, R: \{y|y = 7\}$