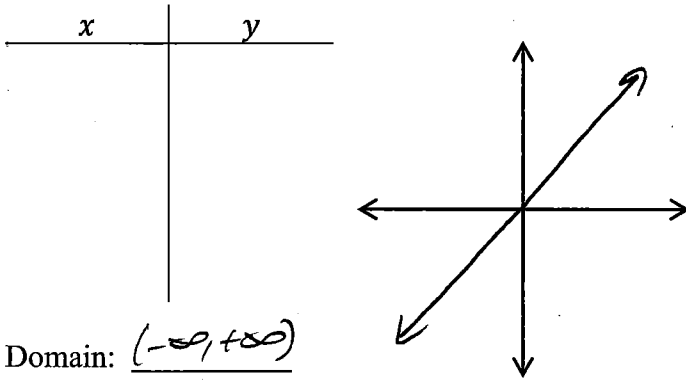
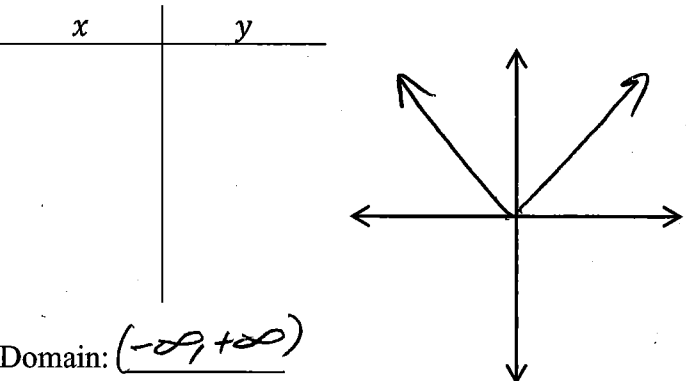
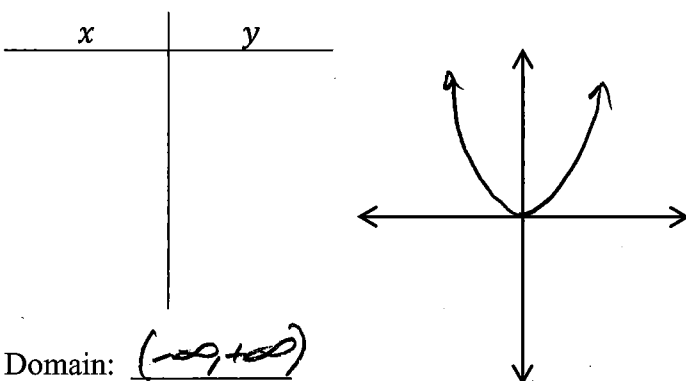
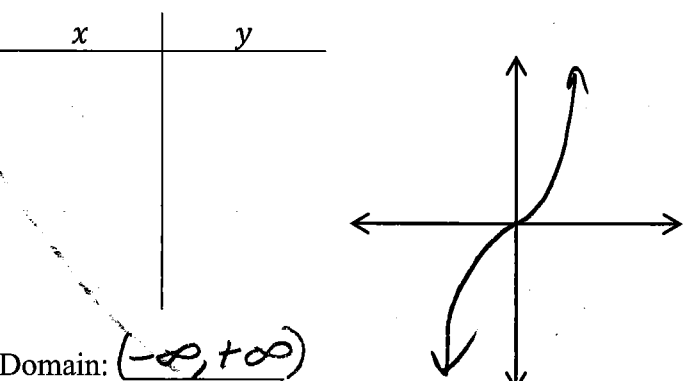
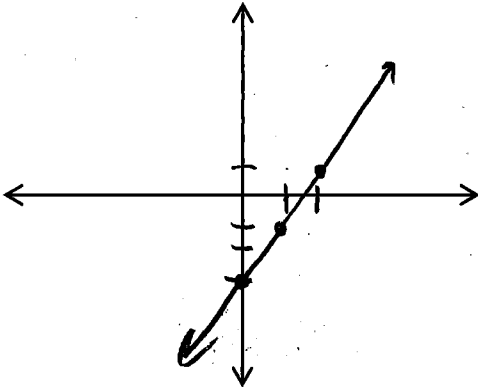


Graph the following parent functions as well as identify its domain and range.

<p>1. $y = x$</p>  <p>Domain: <u>$(-\infty, +\infty)$</u> Range: <u>$(-\infty, +\infty)$</u></p>	<p>2. $y = x$</p>  <p>Domain: <u>$(-\infty, +\infty)$</u> Range: <u>$[0, +\infty)$</u></p>
<p>3. $y = x^2$</p>  <p>Domain: <u>$(-\infty, +\infty)$</u> Range: <u>$[0, +\infty)$</u></p>	<p>4. $y = x^3$</p>  <p>Domain: <u>$(-\infty, +\infty)$</u> Range: <u>$(-\infty, +\infty)$</u></p>

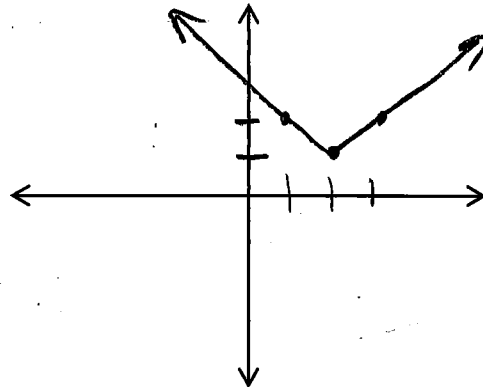
Graph the following. Then state the domain and range.

5. $y = 2x - 3$



Domain: $(-\infty, +\infty)$
Range: $(-\infty, +\infty)$

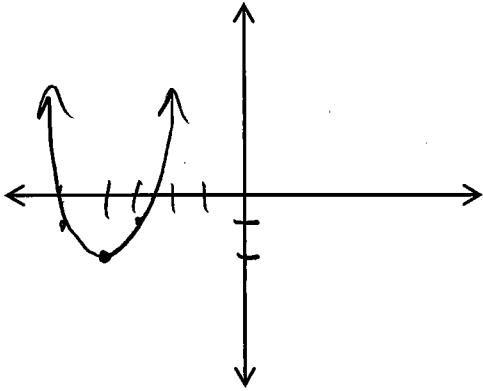
6. $y = |x - 2| + 1$



Domain: $(-\infty, +\infty)$
Range: $[1, +\infty)$

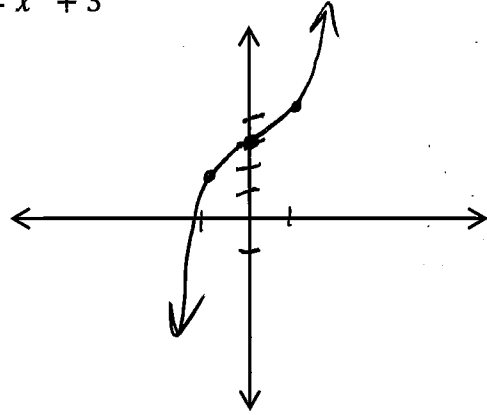
Graph the following. Then state the domain and range.

7. $y = (x + 4)^2 - 2$



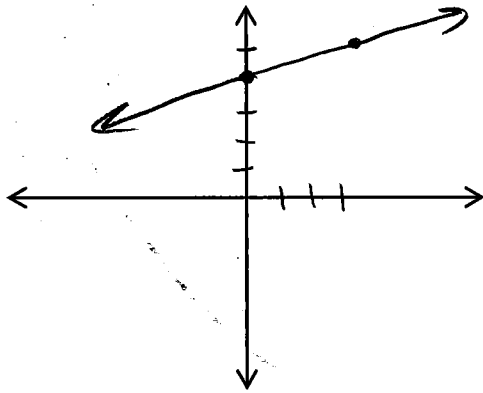
Domain: $(-\infty, +\infty)$
 Range: $[-2, +\infty)$

8. $y = x^3 + 3$



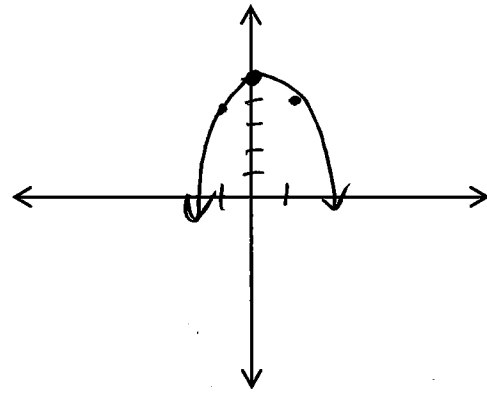
Domain: $(-\infty, +\infty)$
 Range: $(-\infty, +\infty)$

9. $y = \frac{1}{3}x + 4$



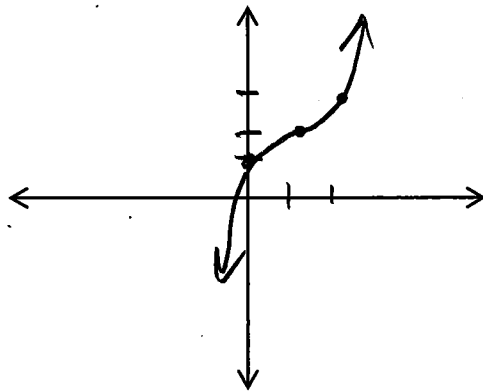
Domain: $(-\infty, +\infty)$
 Range: $(-\infty, +\infty)$

10. $y = -x^2 + 5$



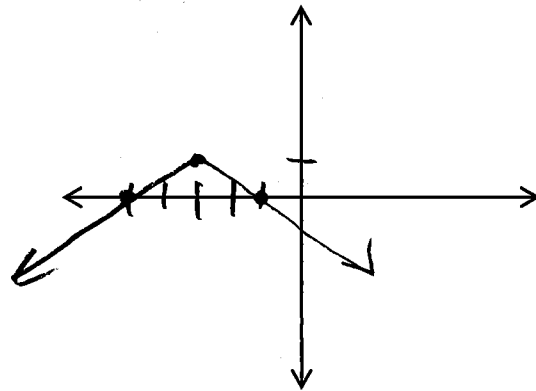
Domain: $(-\infty, +\infty)$
 Range: $(-\infty, 5]$

11. $y = (x - 1)^3 + 2$



Domain: $(-\infty, +\infty)$
 Range: $(-\infty, +\infty)$

12. $y = -\frac{1}{2}|x + 3| + 1$



Domain: $(-\infty, +\infty)$
 Range: $(-\infty, 1]$