$\qquad$ Date: $\qquad$

| Learning Goal 3.1 | Given a quadratic function, identify the <br> transformations that graph has undergone from the <br> standard graph of $y=x^{2}$. |
| :--- | :--- |

Graph $\quad f(x)=\frac{1}{6}(x-5)^{2}+1$


Graph $f(x)=-2(x-3)^{2}+1$


Graph $f(x)=-2(x-1)^{2}-2$


Graph $f(x)=-\frac{1}{3}(x+2)^{2}-1$


