

4. $g(x) = x^2 + 1$

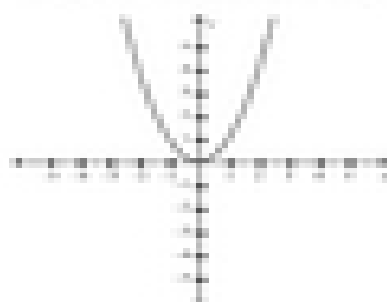
5. $g(x) = \frac{1}{2}x^2 + 1$

6. $g(x) = 2(x+1)^2$

7. $g(x) = \frac{1}{2}(x+1)^2$

Answer: Answer

10. The graph of $f(x)$ is shown below. Graph the transformed functions in the same set of axes.



11. Write a function to describe each graph.

ANSWERS