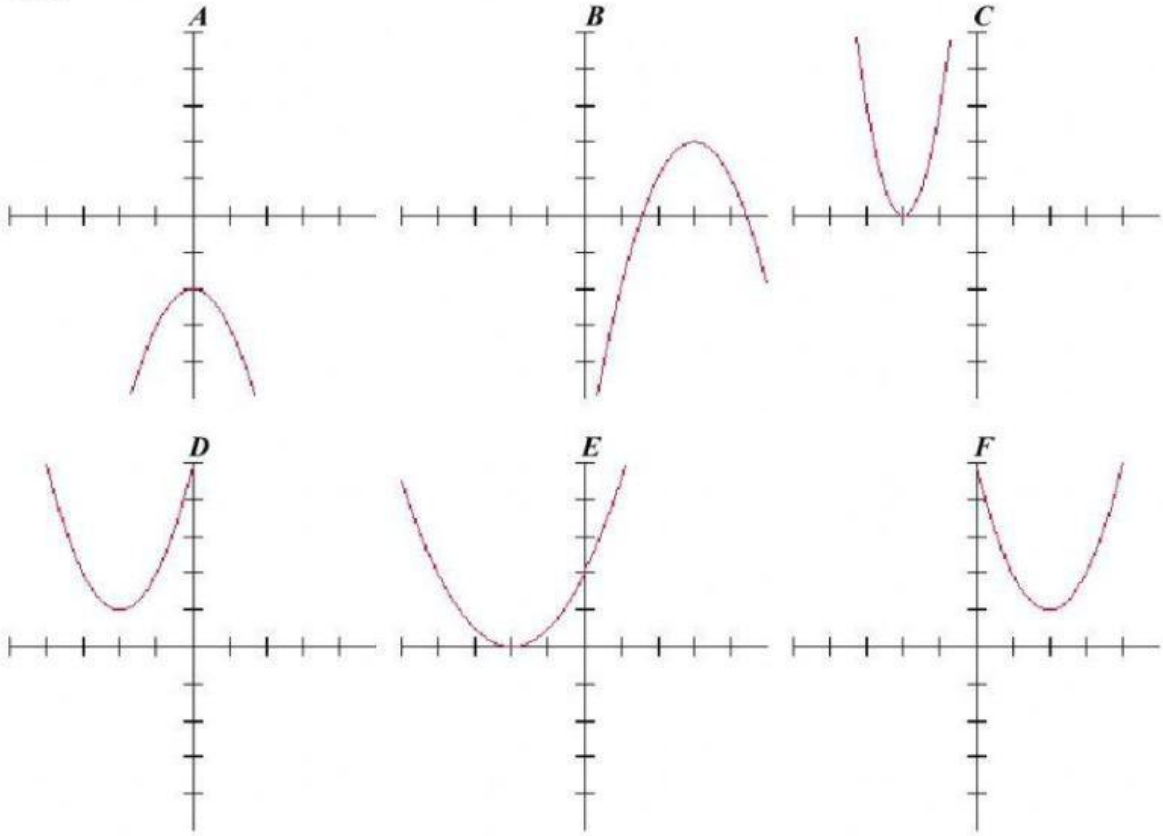
Match the appropriate graph with its equation below. Explain why each of your solutions is true.



1) $f_{(x)} = \frac{1}{2}(x+2)^2$

2) $f_{(x)} = -x^2 - 2$

3) $f_{(x)} = (x+2)^2 + 1$

4) $f_{(x)} = (x-2)^2 + 1$

5) $f_{(x)} = 3(x+2)^2$

6) $f_{(x)} = -(x-3)^2 + 2$

LIVEWORKSHEETS

LIVEWORKSHEETS