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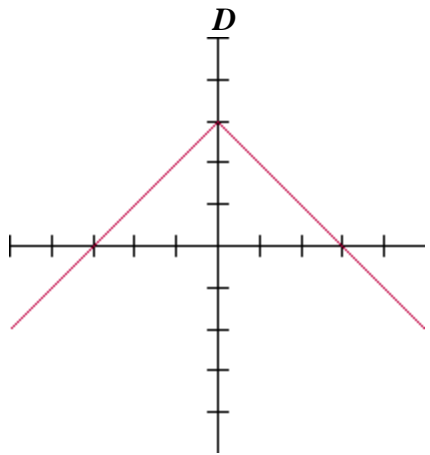
A

B

C

D

E

F
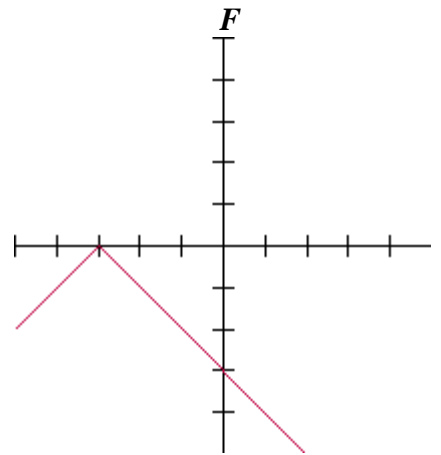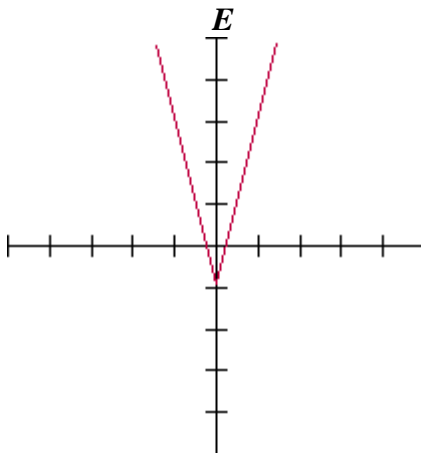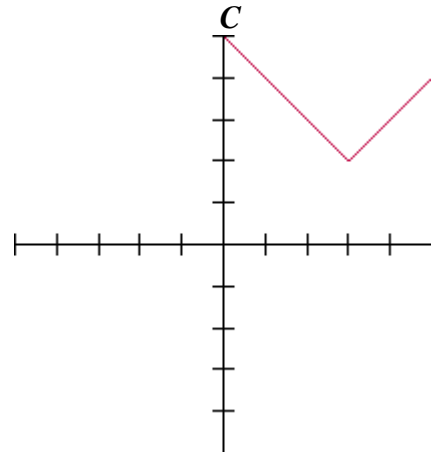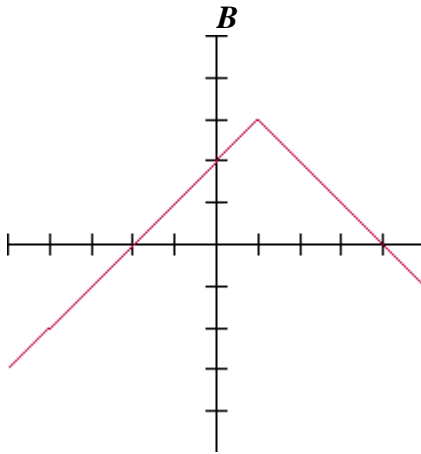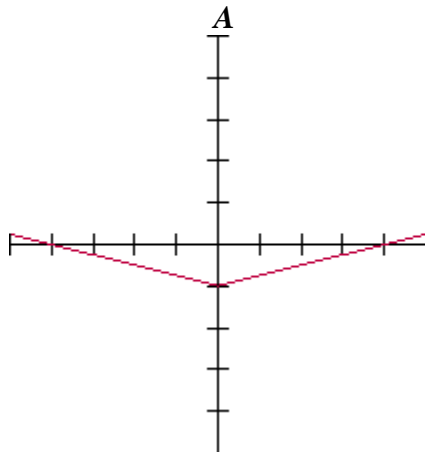
1) $f_{(x)} = 4|x| - 1$

2) $f_{(x)} = \frac{1}{4}|x| - 1$

3) $f_{(x)} = -|x| + 3$

4) $f_{(x)} = |x - 3| + 2$

5) $f_{(x)} = -|x - 1| + 3$

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