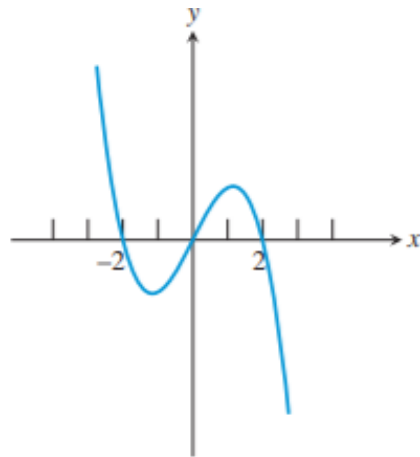
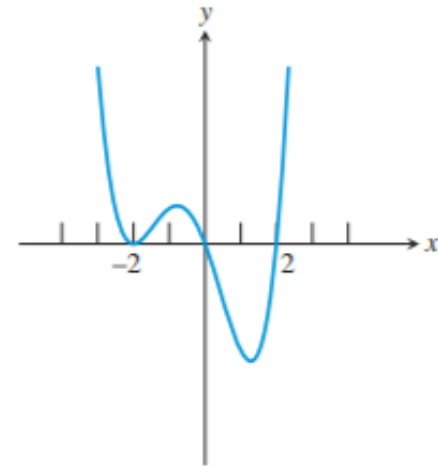


**1- Match the following polynomial graphs to their correct function. Explain your reasoning in complete sentences.**

**2- Compare both graphs (similarities and differences)**



- (A)  $f(x) = -x(x + 2)(2 - x)$
- (B)  $f(x) = -x(x + 2)(x - 2)$
- (C)  $f(x) = -x^2(x + 2)(x - 2)$
- (D)  $f(x) = -x(x + 2)^2(x - 2)$
- (E)  $f(x) = -x(x + 2)(x - 2)^2$



- (A)  $f(x) = x(x + 2)^2(x - 2)$
- (B)  $f(x) = x(x + 2)^2(2 - x)$
- (C)  $f(x) = x^2(x + 2)(x - 2)$
- (D)  $f(x) = x(x + 2)(x - 2)^2$
- (E)  $f(x) = x^2(x + 2)(x - 2)^2$