1. Graph for \( f(x) = (x - 1)(x + 1)(x^2 + 4)(x + 5) \).

2. Graph for \( f(x) = (x - 1)^2 (x + 1)(x + 5) \).
3. Graph for \( f(x) = (x - 1)^3(x+1)(x+5) \)

4. Graph for \( f(x) = (x - 1)^2 (x + 1)^3 (x + 5)^2 \).
5. Graph for \( f(x) = x^2 (x + 2) \).

6. Graph for \( f(x) = (2x - 4)(-x + 3)x^2 \).