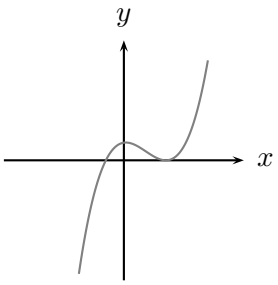
7. [8 points] For each of the graphs below, select the formula beneath the graph which best fits the behavior of the graph. In each case, assume that A, B, C, D, E, F, and G are positive constants. (Circle your choice. No work or explanation is necessary.)

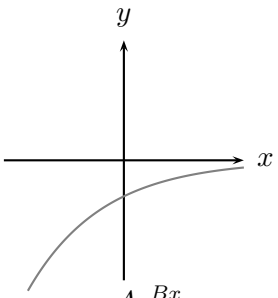


$y = A(x - B)(x + C)$

$\boxed{y = A(x - B)^2(x + C)}$

$y = -A(x + B)^2(x - C)$

$y = A(x + B)^2(x - C)$

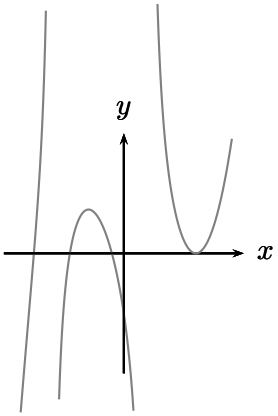


$y = Ae^{Bx}$

$y = Ae^{-Bx}$

$y = -Ae^{Bx}$

$\boxed{y = -Ae^{-Bx}}$

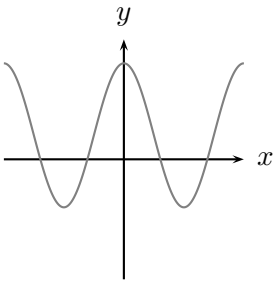


$$y = \frac{A(x - B)(x - C)(x - D)(x + E)^2}{(x + F)(x - G)}$$

$$y = \frac{A(x + B)(x + C)(x + D)(x - E)}{(x + F)(x - G)}$$

$$\boxed{y = \frac{A(x + B)(x + C)(x + D)(x - E)^2}{(x + F)(x - G)}}$$

$$y = \frac{-A(x + B)(x + C)(x + D)(x - E)^2}{(x + F)(x - G)^2}$$



$y = -B\cos(Cx) - A$

$\boxed{y = A + B\cos(Cx)}$

$y = -A + B\sin(Cx + D)$

$y = A - B\sin(Cx)$