

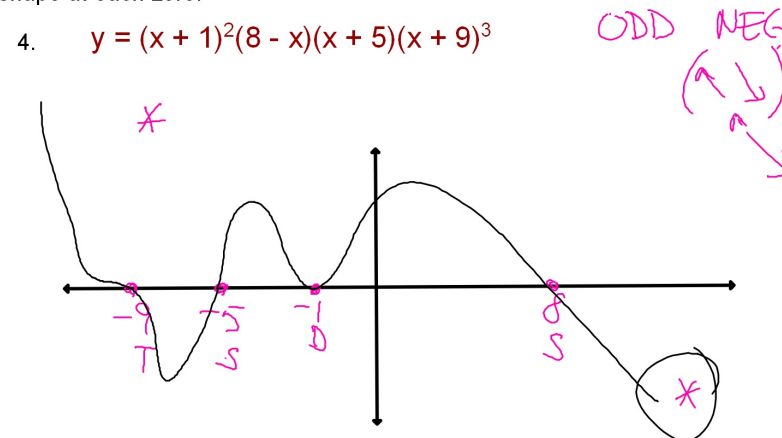
Describe the end behavior of each polynomial.

1. $y = 7x^2 - 3x + 8x^4 - 95$ EVEN POS
 $x \rightarrow \pm\infty, y \rightarrow \infty$

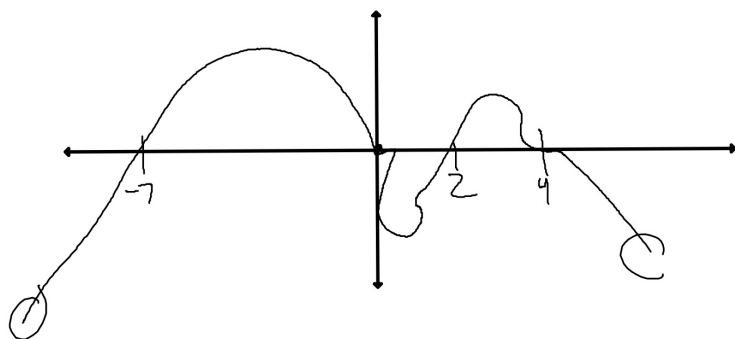
2. $y = -x(2x - 3)^2(x - 5)(x - 4)^2$
EVEN NEG (✓, ↓) $x \rightarrow \pm\infty, y \rightarrow -\infty$

3. $y = (6 - 5x)^3(x + 8)^2(x - 2)^3(1 - x)$
ODD POS + + - (✓, ↑) $x \rightarrow -\infty, y \rightarrow -\infty$
 $x \rightarrow +\infty, y \rightarrow \infty$

Graph each polynomial showing the correct end behavior and the correct shape at each zero.



5. $y = -x^3(x - 2)(x - 4)^3(x + 7)$



6. $y = x(x - 6)^2(3 - x)^3(x + 5)^3$ ODD NEG

