Math C

13.1 Graphing Poly. part 2

Determine the domain intervals for local extrema.

1. $y = -x(x+3)^2$

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

3. $y = 2x^2(x+1)^2$

4. $y = (x+3)^2(x-1)^2$

5. $y = -2x(x+1)^3$

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

7. $y = (x+6)(x+2)(x-3)^2$

8. $y = (x+4)(x+1)^2(x-5)^2$