

Math C

13.1 Graphing Poly. part 1

Determine the domain intervals for local extrema.

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

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

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

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

5. $y = x(x - 3)^3$

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

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

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