Find the intervals for which the function is increasing or decreasing.   For example :(-infinity,1)U(5,8)

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

Increasing:

Decreasing:

3. $y = x^4 - 8x^2 + 1$

Increasing:

Decreasing:

5. $y = (x + 1)^{2/3}$

Increasing:

Decreasing: