



Derivative

Given $y = x(x^2 + x - 1)$, find y'

- A. $y' = 2x + 1$
- B. $y' = 3x^2 + 2x$
- C. $y' = 3x^2 + 2x - 1$
- D. $y' = x^2 + 2x - 1$

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Given $y = \frac{x^8 - x^6 + x^4}{x^3}$, find y'

- A. $y' = 5x^4 - 3x^2 + 1$
- B. $y' = \frac{8x^7 - 6x^5 + 4x^3}{3x^2}$
- C. $y' = 8x^7 - 6x^5 + 4x^3$
- D. $y' = 3x^2$

Find the tangent to $y = x^3 - 2x + 1$, $x = 0$

- A. $m = 3$
- B. $m = 1$
- C. $m = 2$
- D. $m = -2$