

**Answer on Question #75597 – Math – Calculus**

**Question**

determine  $f'(x)$  if  $f(x) = (x^3 - 2x + 1)^5$

**Solution**

$$f'(x) = 5(x^3 - 2x + 1)^4 \cdot (x^3 - 2x + 1)' = 5(x^3 - 2x + 1)^4 \cdot (3x^2 - 2);$$

**Answer:**  $5(x^3 - 2x + 1)^4 \cdot (3x^2 - 2)$ .