1. What is the derivative of (x^3)?

A) $3x^2$

B) $2x$

C) $4x^3$

D) x^2

2. What is the formula for the Product Rule?

A) $uv' + u'v$

B) $u'v + uv'$

C) $u'v' + uv$

D) $u + v$

3. What is the derivative of $\ln(x^2 + 5)$?

A) $2x/x^2 + 5$

B) $1/x$

C) $2x$

D) $15/(5x + 4)$

4. What is the derivative of e^{7x}?

A) $7 e^{7x}$

B) e^{7x}

C) $14 e^{7x}$

D) e^{x}

5. What is the derivative of ($4x^5 + 7x^3 - 9x + 5$)?

A) $20x^4 + 21x^2 - 9$

B) $4x^4 + 21x^2 - 9$

C) $20x^4 + 7x^2 - 9$

D) $20x^4 + 21x^3 - 9$