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