

DIFFERENTIATION

MATCH CORRECTLY.

$$y = \frac{x+3}{\sqrt{x^2+x}}$$

$$y = x^2 \ln(x+1)$$

$$y = \tan[\ln(x+1)]$$

$$y = \sin x^2 - \sqrt{x+2x^2}$$

$$y = \ln(xy) + y^3$$

$$y = \ln(x) + x^3$$

$$y = (x^3 + e^x)^5$$

Product rule

Quotient rule

power rule

nest rule

difference rule

sum rule

implicit
differentiation