

Calculus 120

Combining the Product, Quotient, and Chain Rule

1. $f(x) = (2x + 3)(3x - 1)^2$

2. $y = (3x)(2x + 1)^3$

3. $y = \frac{(2x + 5)^2}{3x}$

4. $f(x) = \frac{x + 2}{(x - 3)^3}$

5. $g(x) = \frac{6x^2}{(2x + 1)^2}$