

Task 15 : Basic Chain Rule + algebra

Differentiate

1) $y = (3x - 2)^2$

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

3) $f(x) = (4 - 5x)^4$

4) $f(x) = \sqrt{2x + 5}$

5) $(7x + 2)^{-3}$

6) $\frac{1}{2x + 7}$

7) $y = \frac{2}{(3x - 1)^3}$

8) $y = \frac{1}{\sqrt{2x + 5}}$

9) $f(x) = (2x - 1)^9$

10) $f(x) = \sqrt[3]{3x - 2}$