(E17.)

$$y = \frac{2x + 5}{3x - 2}$$

Solution:

$$y = \frac{2x + 5}{3x - 2}$$

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

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

$$= \frac{6x - 4 - 6x - 15}{(3x - 2)^2}$$

$$= -\frac{19}{(3x - 2)^2}$$

https://docs.google.com/document/d/1pBBr426WCroXmpoekNSK6Xi4iYkizmrAuB02aXI8O7A/edit?usp=sharing