2:51 PM

1. Slope:
$$\frac{D^{\chi}}{D\chi} = \frac{4 - (-2)}{2 - (-1)} = \frac{6}{3} = \boxed{2}$$

$$\frac{2x}{2} = 2xx^{3} + 3x^{2}x^{2}$$

$$\frac{1}{2} = 2xx^{3} + 3x^{2}x^{2}$$

$$\frac{1}{2} = 2xx^{3} + 3x^{2}x^{2}$$

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