Examples

$$
\left[\frac{\Delta y}{\Delta x}=\frac{R_{1 x}}{e_{n-1}}=\frac{y_{2}-y_{1}}{x_{2}-x}\right.
$$

Find the slope between the following points

1. $(-2,3)$ and $(1,5)$


$$
\begin{aligned}
& \frac{y_{2}-y_{1}}{x_{2}-x_{1}}=2 \cdot(-5,4) \text { and }(4,-7) \\
& \frac{5-3}{1--2}=\frac{2}{3}
\end{aligned} \begin{aligned}
& \left.\frac{\Delta y}{\Delta x}=\frac{-11}{9}\right) \\
& \frac{y_{2}-y_{1}}{x_{2}-x_{1}}=\frac{-7-4}{4--5}=\frac{-11}{9}
\end{aligned}
$$

3. $\left(0,-\frac{9}{y}\right)$ and $\binom{10,-5}{x}$

$$
\frac{y-y}{x-x}=\frac{-5--9}{10-0}
$$

4. $(2,5)$ and $(-6,5)$

$$
\frac{\Delta y}{\Delta x}=\frac{4}{10}=\frac{2}{5}
$$



$$
=\frac{4}{10}=\frac{2}{5}
$$



