Notes

## LINEAR FUNCTIONS

## REVIE

 Find the slope between the given points:a. $(3,-7)$ and $(-4,9)$
b. ( $-2,0$ ) and $(-2,5)$
c. $(-2,6)$ and $(-4,6)$
$\frac{-7-9}{3--4}=\frac{-16}{7}$
$\frac{0-5}{-2--2}=\frac{-5}{0}$
$\frac{6-6}{-2--4}=\frac{0}{2} 5$
slope is
O! zero!

## DIFFERENT TYPES OF

Cslope is
undeFined!




where the graph $(\#, 0)$
crosses the $x$-axis
Y-INTERCEPT: where the groph crosses the $y$-axes $(0, \#)$
Example: $\quad 3 x-6 y=-12$
int:
let $y=0$
$\begin{aligned} 3 x-6(0) & =-12 \\ 3 x & =-12\end{aligned}$
$x=-4$
$(-4,0)$
$y=6$




