

Find the slope of the line through the given points. (pg 363)

1) $\left({ }_{8}^{x}, 4\right)^{y_{0}}(6,5)$
2) $\begin{array}{lll}\boldsymbol{x}_{2} & y_{2} & x_{1} \\ (0,-3) & y_{1} \\ (3,-1)\end{array}$
$m=\frac{y_{2}-y_{1}}{x_{2}-x_{1}}$ $m=\frac{-3-(-1)}{0-3}$
$=\frac{5-4}{6-8}=\frac{1}{-2}$
$=\frac{-3+1}{-3}=\frac{-2}{-3}$
$m=-\frac{1}{2}$
$m=\frac{2}{3}$


## Assignment:

Pg. 363
2-12 even
$16,17,20,22\}$
$23,26,28,30\}$ Graph, 1 per graph

