Find the value of $r$ so that the line passing through $(-4,5)$ and $(4, r)$ has a slope of $\frac{3}{4}$

$$
\frac{y-y}{x-x}=\frac{3}{4} \rightarrow \frac{6}{8}
$$



Find the value of $r$ so that the line passing through $(10,-3)$ and $(r, 5)$ has a slope of -4.$) \rightarrow \frac{-4}{1}$


$$
\begin{aligned}
\frac{\Delta y}{\Delta x}= & \frac{8}{-2} \\
& \frac{\downarrow}{2}
\end{aligned}
$$

Finding Slopes from Equations

$$
\begin{gathered}
\text { How? } \begin{array}{c}
*=6 x+5^{*} \\
M=6
\end{array}
\end{gathered}
$$



