

Type I -- Given Slope & Y-Int.

when this happens, you should use

the form: $y = mx + b$

Remember "m" is the slope and
"b" is the y-int.

ex. Given slope = $\frac{2}{3}$ and through the
point $(0, -5)$.

Equation The slope was given so $"m" = \frac{2}{3}$
Since the point has an 'x' of zero,
it is the y-int so $"b" = -5$

substitute into $y = mx + b$

$$y = \frac{2}{3}x - 5$$