

Provide a clear and organized presentation. Use isoclines to draw a slope field for the solutions to the following differential equation and include a few solution trajectories:

$$y' = y^2 + 3y$$

Consider the following table:

y'	isocline
0	$y = -3$ or $y = 0$
4	$y = -4$ or $y = 1$
10	$y = -5$ or $y = 2$
18	$y = -6$ or $y = 3$
$-\frac{9}{4}$	$y = -\frac{3}{2}$