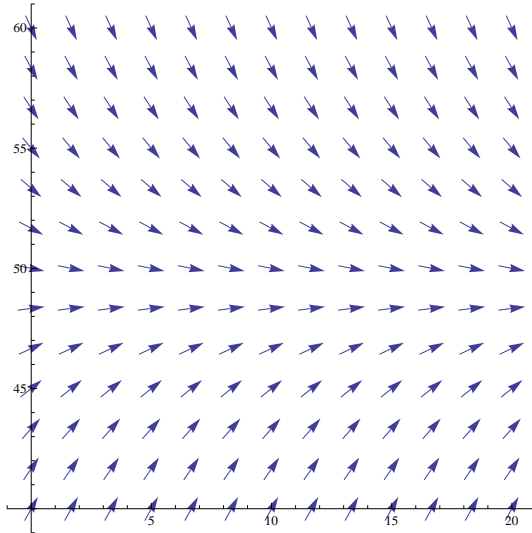
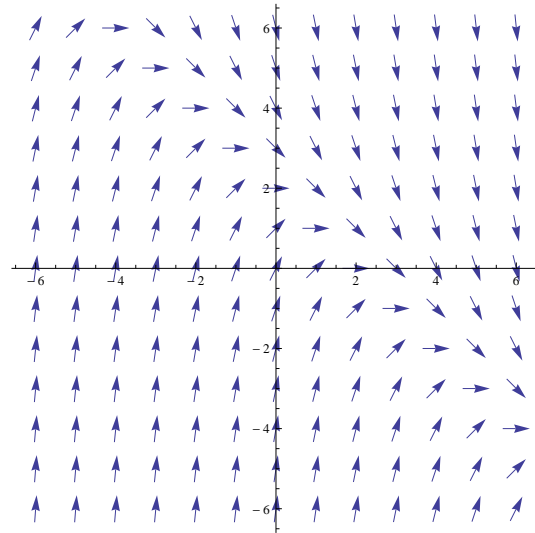


Example 1 - A Falling Object Example 3

$$\frac{dv}{dt} = 9.8 - \frac{v}{5}$$

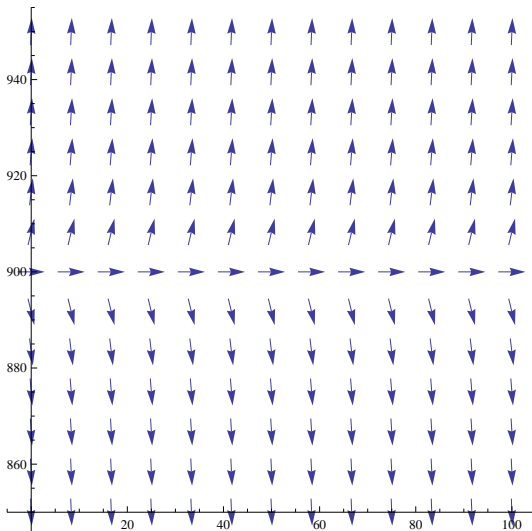


$$\frac{dy}{dx} = 2 - x - y$$



Example 2 - Mice and Owls

$$\frac{dp}{dt} = \frac{p}{2} - 450$$



Example 4

$$\frac{dy}{dx} = xy$$

