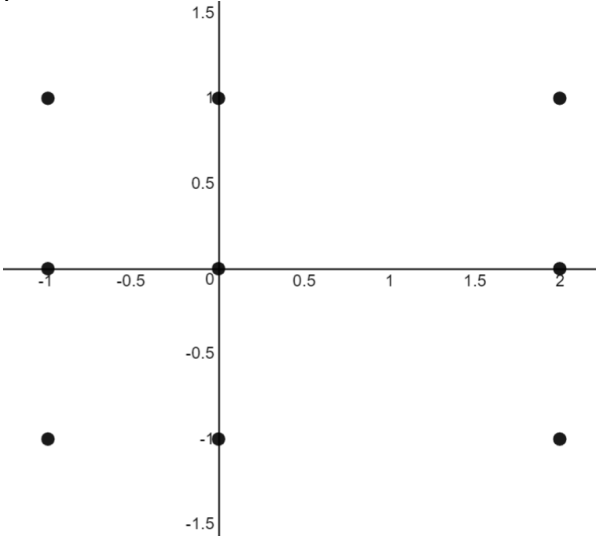
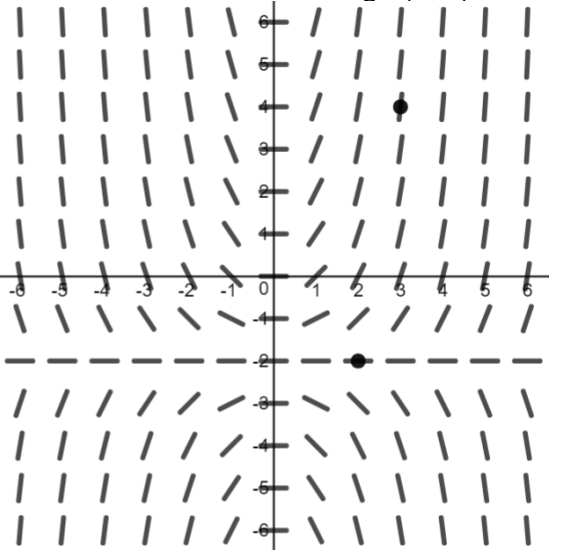
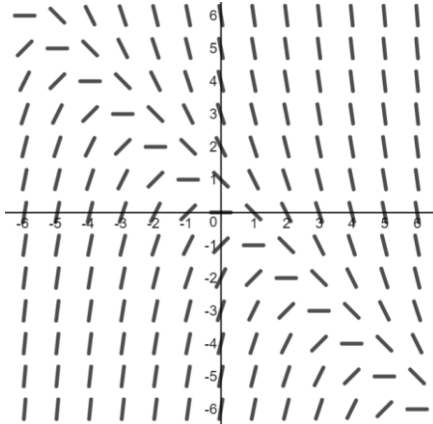


Complete each task. As you do so, pay close attention to your thought processes.

<p>Sketch the slope field at the nine indicated points.</p>  $\frac{dy}{dx} = (x + y)/(x - 1)$	<p>Sketch the solution curve through the (2, -2) and the solution curve through (3, 4).</p>  $\frac{dy}{dx} = 0.5x(y + 2)$
<p>Select the differential equation that matches the given slope field.</p>  $\frac{dy}{dx} = x + y$ $\frac{dy}{dx} = x - y$ $\frac{dy}{dx} = -x - y$ $\frac{dy}{dx} = y - x$	<p>Find the solution $y = f(x)$ that passes through (0, 1).</p> $\frac{dy}{dx} = xy + x.$

When finished, compare and contrast methodologies with elbow mates on either side.