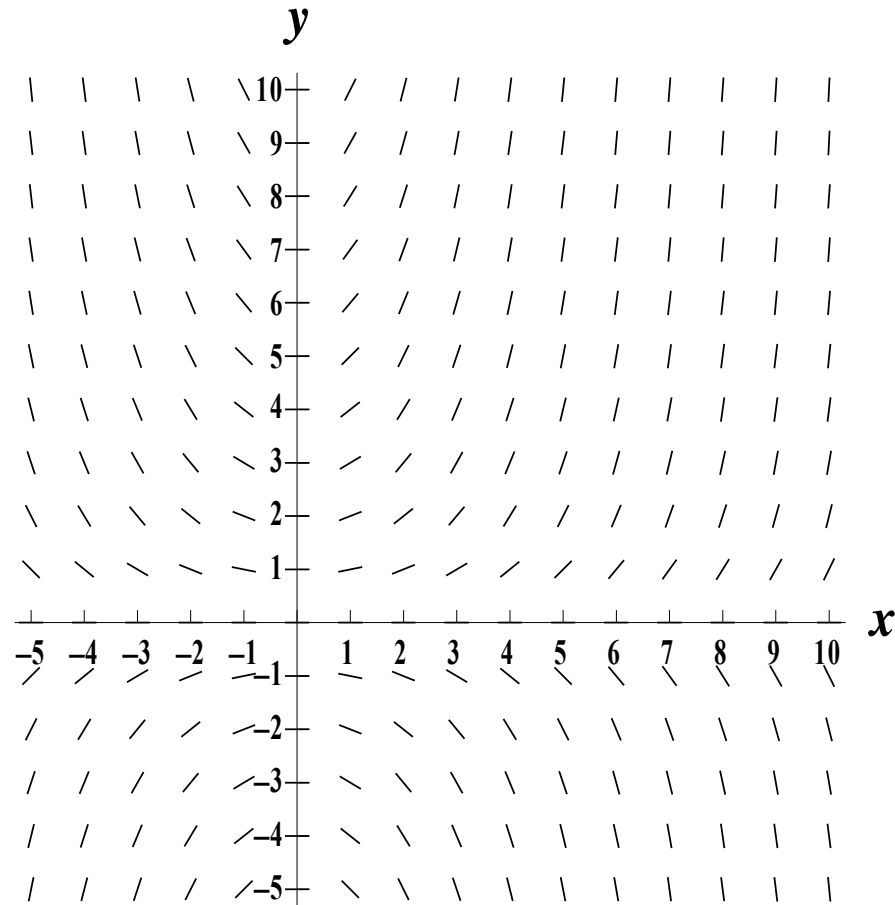


Euler’s Method Example

Name: _____ Per. _____



<i>n</i>	<i>x</i>	<i>y</i>

$$\frac{dy}{dx} = \frac{xy}{5}$$

Given $\frac{dy}{dx} = \frac{xy}{5}$ with $y(-2) = 2$, approximate $y(5)$ with a step size h of 1.
 Fill in the chart above as you complete your calculations and graph each point along the way.