## NAME:

## Worksheet 25 - Slope Fields

Period: \_\_\_\_\_



1. Draw a slope field for the following differential equations:

2. To which of the following differential equations could this slope field correspond? Consecutive slope segments are one unit apart.



3. Draw the graph for the function that is the particular solution to the differential equation  $\frac{dy}{dx} = x + 2$  that satisfies the initial condition (0, -3).



4. Match each of the four slope fields below with one of the six functions representing a particular solution of the differential equation that determines the slope field.

