ID Functions Warmup   Name(s):

Work in pairs, with one person using the mouse and the other person taking notes on this worksheet. Switch roles as you find something you notice or wonder.

Q1 On page 1, write down what you noticed about the points, and what you wondered:

Things we noticed:

Things we wondered:

Q2 On page 2 what did you notice, or wonder, about the traces of the variables?

Q3 For page 2, fill in the table.
An *independent variable* is a variable you can drag.
A *dependent variable* moves only when you drag its independent variable.
A *fixed point* is a place where you can drag the variables on top of each other.

Independent Variable	Dependent Variable	Description of Relation
$\longrightarrow$		**Speed:** **Direction:** **Fixed Points:**
$\longrightarrow$		**Speed:** **Direction:** **Fixed Points:**
$\longrightarrow$		**Speed:** **Direction:** **Fixed Points:**
$\longrightarrow$		**Speed:** **Direction:** **Fixed Points:**
$\longrightarrow$		**Speed:** **Direction:** **Fixed Points:**