Name\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_

Math 8

**Identifying Functions Homework**

**Complete the Following for 1-3:**

a. Identify Domain

b. Identify Range

c. Create Map Diagram

d. Identify if Relation is a function

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. { (1,-2), (2,-4), (3,-6) } Mapping Diagram:

Domain:\_\_\_\_\_\_\_\_\_\_\_\_

Range:\_\_\_\_\_\_\_\_\_\_\_\_\_

Function?\_\_\_\_\_\_\_\_\_\_

1. {(1,2), (4,3), (1,4), (-1,5)} Mapping Diagram:

Domain:\_\_\_\_\_\_\_\_\_\_\_\_\_

Range:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Function?\_\_\_\_\_\_\_\_\_\_\_\_

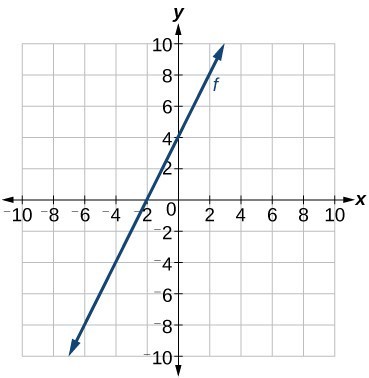
1. { (5,0), (-4,3), (0,3), (1,4), (2,2) } Mapping Diagram:

Domain:

Range:

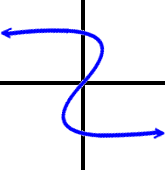
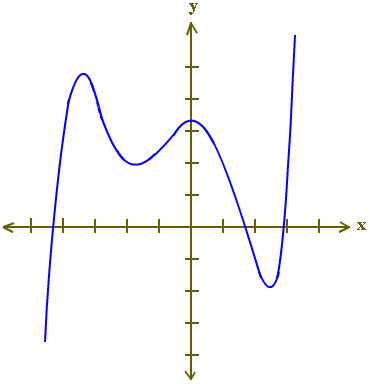
**Identify Function Using the Vertical Line Test:**

**4) 5)**

Function?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Function?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6) 7)**



Function?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Function?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_