Name\_\_\_\_\_\_\_\_\_\_\_\_ November 17, 2017

CC Algebra

**Intro to 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

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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?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_