

Date: \_\_\_\_\_

# Formalizing Relations and Functions

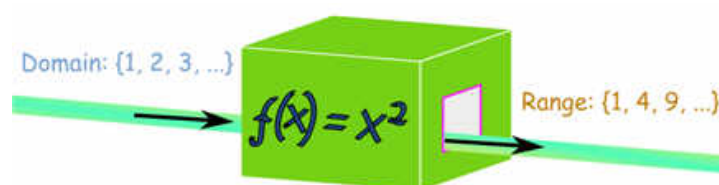
CCSS: F-FI.1

I can \_\_\_\_\_

Vocabulary

1. Function
2. Linear
3. Non-Linear Function
4. Domain
5. Range

Domain	Function	Range



PROBLEM 1

Identify the domain and range of the following relation:

$$\{ (4.2, 1.5) (5, 2.2) (7, 4.8) (4.2, 0) \}$$

\_\_\_\_\_

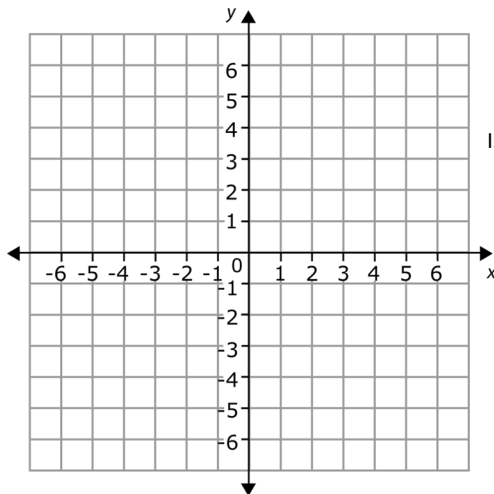
Is the relation a function? \_\_\_\_\_

PROBLEM 2

Identifying Functions using the Vertical Line Test

$$\{ (4, 2) (1, 2) (0, 1) (-2, 2) (3, 3) \}$$

Graph



Is the Relation a Function? \_\_\_\_\_

PROBLEM 3

$$g(x) = 4x - 12 \quad \{1, 3, 5, 7\}$$

What is the Range?

Domain	Range