

SECONDARY MATH  
 DOMAIN AND RANGE  
 WORKSHEET #1

NAME \_\_\_\_\_  
 DATE \_\_\_\_\_  
 CLASS \_\_\_\_\_

1. In what quadrant are the following points located.

- a)  $(-6,3)$  \_\_\_\_\_  
 b)  $(7,-10)$  \_\_\_\_\_  
 c)  $(-4,-4)$  \_\_\_\_\_  
 d)  $(-18,5)$  \_\_\_\_\_

2. Determine whether each of the relations below are a function or not. Then, using proper set notation, state the domain and range. If necessary, draw a mapping diagram on the back side of this sheet of paper.

A)  $\{(1,9), (8,1), (7,5), (8,5)\}$

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

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

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

B)  $\{(a,a), (b,a), (c,a), (d,a)\}$

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

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

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

C)  $\{(1,2), (3,4), (5,6), (7,8), (9,13)\}$

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

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

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

D)  $\{(7,1), (10,7), (0,8), (2,17), (7,3)\}$

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

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

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

E)  $\{(1,1), (1/2, 2), (1/3, 3), (1/4, 4)\}$

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

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

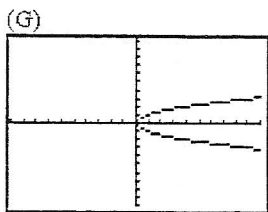
Range: \_\_\_\_\_

F)  $\{(4,2), (9,3), (4,-2), (9,-3)\}$

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

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

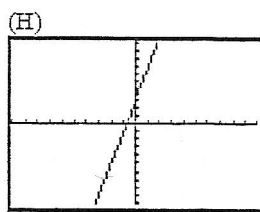
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Function? \_\_\_\_\_

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

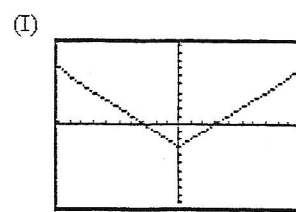
Range: \_\_\_\_\_



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

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

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



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

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

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