

Algebra 0507
Chapter 5
WS #2

Name _____

1) State the domain and the range for each relation:

a) $\{ (0, 1), (2, 3), (3, 5), (6, 7) \}$

Domain: _____ Range: _____

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

Domain: _____ Range: _____

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

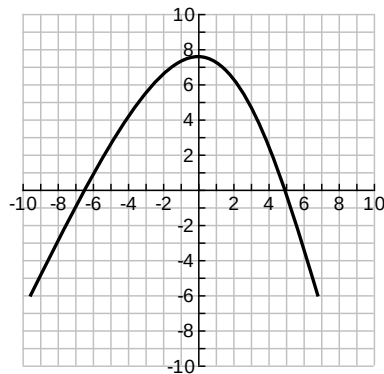
Domain: _____ Range: _____

d) $\{ (3, -4), (3, 4), (-3, 2), (-3, -2) \}$

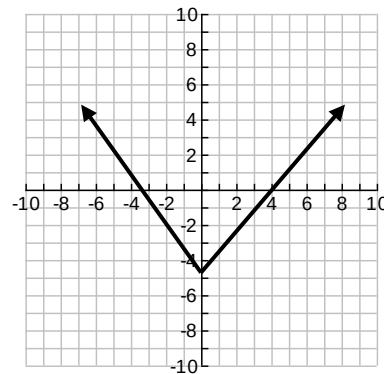
Domain: _____ Range: _____

2) Write **yes** or **no** to tell whether the relation is also a function.

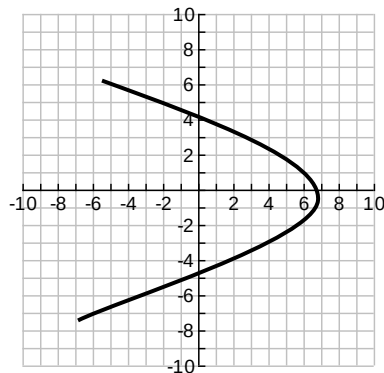
a) _____



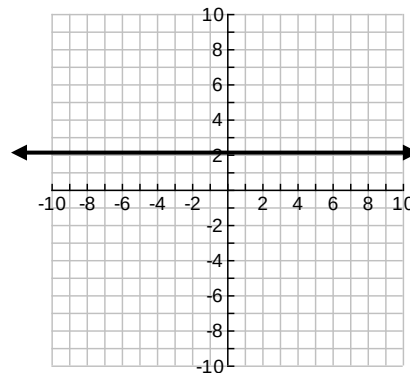
b) _____



c) _____



d) _____



3) Write **yes** or **no** to tell whether the relation is also a function.

a) $\{ (-1, 1), (-2, 4), (-3, 9), (-4, 16), (-5, 25) \}$ _____

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

c) $\{ (1, 10), (2, 10), (3, 10), (4, 10) \}$ _____

d) $\{ (-5, 5), (-1, 1), (2, -2), (4, 4) \}$ _____

e) $\{ (5, 8), (5, 9), (6, 10), (6, 11), (7, 12), (7, 13) \}$ _____

4) a) _____

x	y
-3	5
2	4
-1	0
2	7
0	1

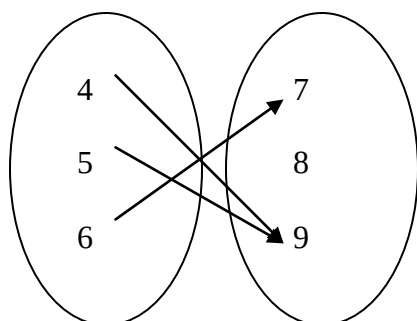
b) _____

x	y
-1	7
-1	8
-1	9
-1	10
-1	11

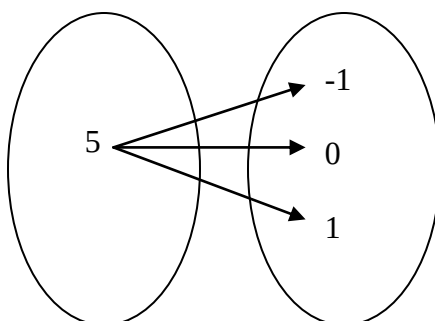
c) _____

x	y
21	7
20	7
19	7
18	7
17	7

5) a) _____



b) _____



c) _____

