

## Level: 1

Practice 6  
Functions P.1

1. Consider the following set of ordered pairs:  $\{(-1,2),(-2,-4),(3,-6),(4,-8),(-1,4)\}$   
Is this a function?

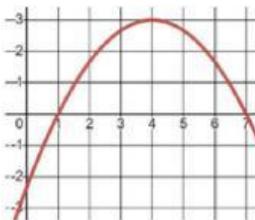
A Yes

B No

A Yes

B No

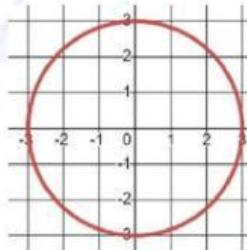
Determine if the following graphs represent functions.



A Yes

B No

2. Consider the following set of ordered pairs:  $\{(1,3),(2,4),(-1,5),(3,6),(6,3)\}$   
Is this a function?



A Yes

B No

4. Determine if the following graphs represent functions.

5. Find the slope of the line that contains  $(1, -8)$ ,  $(-6, -1)$

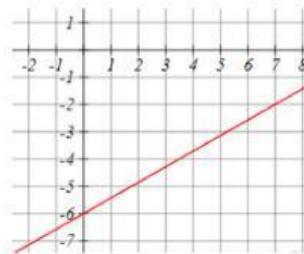
A -1

B -3

C 1

D 2

6. Use the graph to find the slope.



A  $-4/7$

B  $-3/7$

C  $4/7$

D  $5/7$

7. Write the equation of the line with the slope 2 and y-intercept -4

A  $y = -2x + 4$

B  $y = 2x - 4$

C  $y = 4x + 2$

D  $y = 4x - 2$

8. Write the equation of the line with the slope 3 and containing  $(-3, -4)$  in standard form

A  $y - 3x = 5$

B  $y + 3x = 5$

C  $y + 3x = -5$

D  $y + x = 5$