

Practice 6
Functions P.1



Level: 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

2. Consider the following set of ordered pairs:

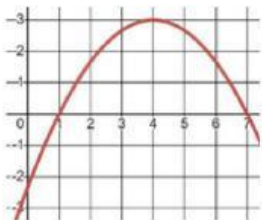
$\{(1,3), (2,4), (-1,5), (3,6), (6,3)\}$

Is this a function?

☐ A Yes

☐ B No

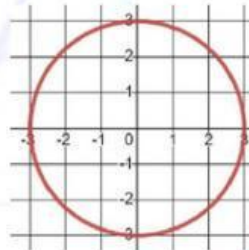
Determine if the following graphs represent functions.



☐ A Yes

☐ B No

4. Determine if the following graphs represent functions.



☐ A Yes

☐ B No

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

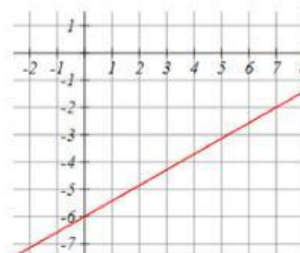
☐ A -1

☐ C 1

☐ B -3

☐ 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 $y + x = 5$