Algebra 2 CP Chapter 2 PRACTICE Worksheet

*Number and show all work on a separate sheet of paper.*

1) For the relation (1, 6), (-7, 4), (-3, 5), & (3, 3)

a) State the domain & the range.

b) Is the relation a function?

2) For the relation 

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b) Is the relation a function?

For 3 & 4, find each value if f(x) = $\frac{8}{x- 2}$ & g(x) = (x - 1)2

3a) f (-4) b) g (-2)

4a) f (4b) b) g (2d)

5) Is the function linear? Write yes or no. a) xy = 9 b) 9x – 5y = 2

6) Write 5x = $-\frac{4}{5}$ y + 6 in standard form.

7) Write in standard form.

8) Identify the x-intercept and the y-intercept of y = -4x – 8.

9) Identify the x-intercept and the y-intercept of.

10) Find the slope of the line through (-2, 5) & (6, -1).

11) Find the slope of the line through &.

For 12 – 14 write the equation of each line in slope intercept form.

12) x-intercept of -6, y-intercept of 7

13) Passes through (2, 3), parallel to 4x + 3y = 15

14) Passes through , perpendicular to the graph of .

15) Graph y > 6x +1

16) Graph 