

Math 241 Fall 2017

Quiz 7

Name: _____

Show all work and circle/box your final answer. All answers must be simplified unless stated otherwise. Turn in when done.

1. (5 points) Graph $y = -(x - 1)^2$ (based off the graph of x^2) and answer the following questions

(a) What is the domain?

(b) What is the range?

2. (5 points) Graph $\frac{(x + 1)^2}{2^2} + \frac{(y - 3)^2}{4^2} = 1$