Math 135, Calculus 1, Fall 2020

Weekly Quiz 09-09

Question 1. Find the equation of the circle with center (3, 1) and radius 9.

$$(x-x_0)^2 + (y-y_0)^2 = 6^2$$

 S_0 $(x_0, y_0) = (3,11), c = 9$
 $(x-3)^2 + (y-1)^2 = 81$

Question 2. Find the equation of the line that is:

• parallel to the line y = 5x - 4, and