

Math 002 P1**Name:****Quiz # 9**

November 18, 2014 No electronic devices or interpersonal communication allowed. Show work to get credit.

(1) What is the distance between the points $\left(\frac{1}{2}, -\frac{3}{4}\right)$ and $\left(\frac{7}{4}, \frac{1}{2}\right)$?

(2) What is the midpoint of the line segment joining $\left(\frac{1}{2}, -\frac{3}{4}\right)$ and $\left(\frac{7}{4}, \frac{1}{2}\right)$?

(3) Find the x - and y -intercepts of $y + 2 = |x - 3|$. (Clearly label which is which!)

(4) Graph $x + (y - 1)^2 = 4$.