Chapter 9 Quiz Cycle 5

Question 1: by Jheysson

Rewrite the equation of the hyperbola in standard form, and graph it.

$16x^2 - 4y^2 = 64$

Question 2   Dimeh

Find two different parametric equations for each of the following equations:

$$y = x^2 + 1$$

Question 3: By Edgardo

Graph by hand the curve whose parametric equation are given below and find orientations. Find the rectangular equation of the curve and Verify the graph using a graphic utility.

$$x = t - 3, \qquad y = 2t + 4 \,; 0 \leq t \leq 2$$

Question 4: By Freddy

Find the two different parametric equations for the rectangular equation below.

$$y = x^4 + 1$$

Question 5: By Blanca

Find the parametric equation that describe the curve shown below.