

Math 0030 April 11, 2007 Homework 27

Text problems: 11.6 # 17, 19, 23, 25, 27, 29, 31, 33

Sketch the following conic sections.

1) $(x - 3)^2 + (y + 5)^2 = 4^2$

2) $(x - 2)^2 + y^2 = 10$

3) $\frac{x^2}{4^2} + \frac{y^2}{3^2} = 1$

4) $\frac{x^2}{25} + \frac{y^2}{36} = 1$

5) $\frac{x^2}{16} - \frac{y^2}{4} = 1$