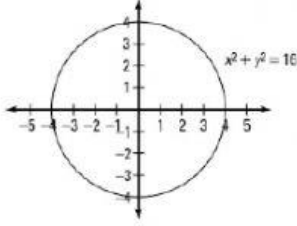
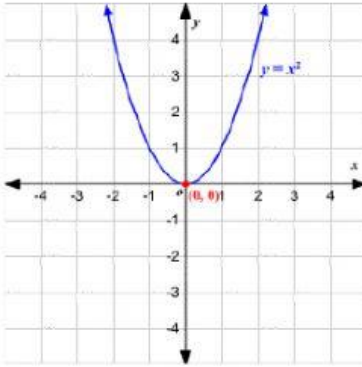
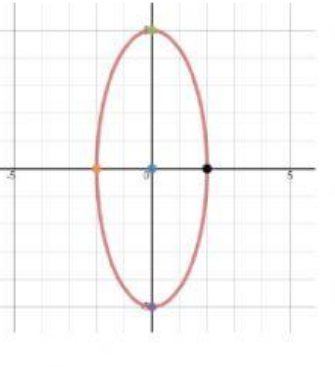
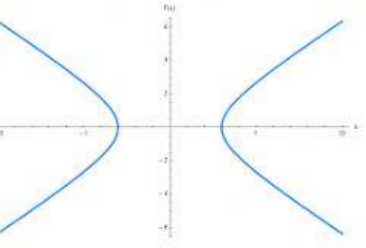
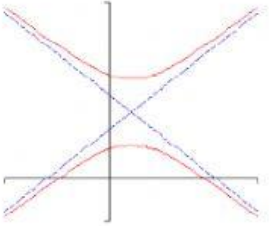
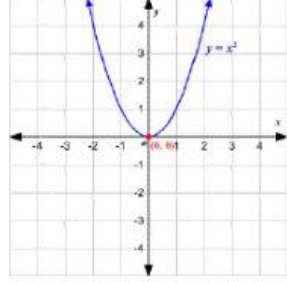


Identifying conic sections

Mathematics department

Q1: Identify the conic section (parabola, circle, ellipse, and hyperbola)

a- $\frac{x^2}{4} + \frac{y^2}{16} = 1$	b- $\frac{x^2}{1} + \frac{y^2}{36} = 1$	c- 
d- 	e- 	f- 
g- $\frac{(x-3)^2}{121} + \frac{(y+2)^2}{4} = 1$	h- $\frac{y^2}{9} - \frac{x^2}{16} = 1$	i- 
j- 	k- $y = a(x-h)^2 + k$	l- $(x+3)^2 + (y-4)^2 = 12$