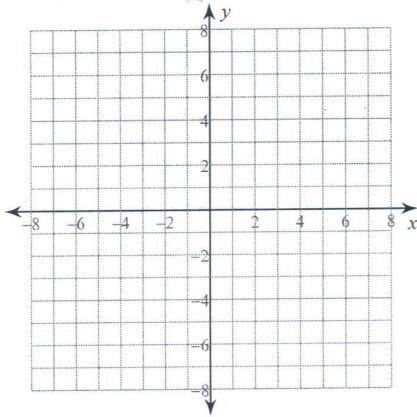


Ellipse Assignment *(Section H-2)*  
*(C) (V) (F) (Maj)*

Date \_\_\_\_\_ Period \_\_\_\_\_  
*(Min)*

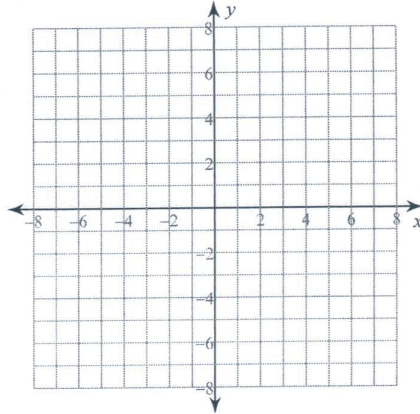
Identify the center, vertices, foci, length of the major axis, and length of the minor axis of each. Then sketch the graph.

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



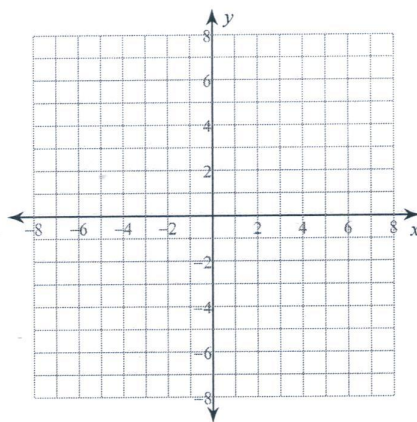
C:  
 V:  
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 Maj:  
 Min:

2)  $\frac{x^2}{25} + \frac{y^2}{16} = 1$



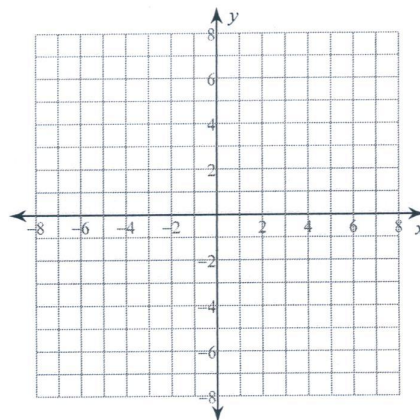
C:  
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3)  $\frac{x^2}{9} + \frac{y^2}{36} = 1$



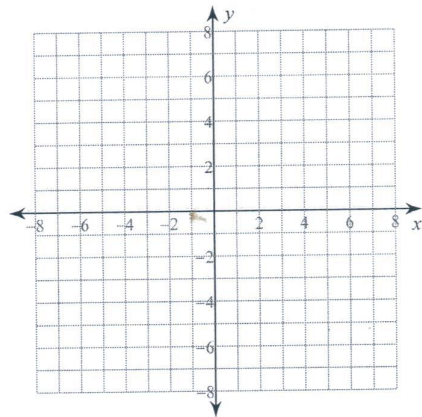
C:  
 V:  
 F:  
 Maj:  
 Min:

4)  $\frac{x^2}{49} + \frac{y^2}{16} = 1$



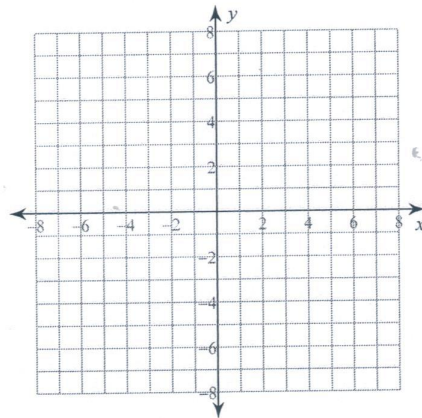
C:  
 V:  
 F:  
 Maj:  
 Min:

$$5) \frac{x^2}{9} + \frac{y^2}{25} = 1$$



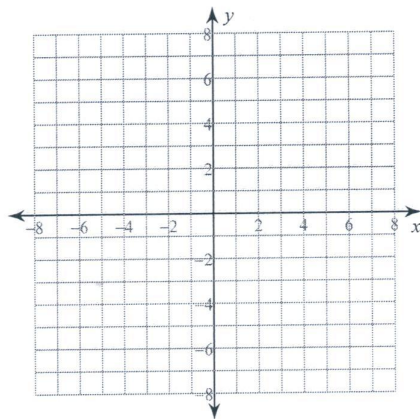
C:  
V:  
F:  
Maj:  
Min:

$$6) \frac{x^2}{4} + \frac{y^2}{25} = 1$$



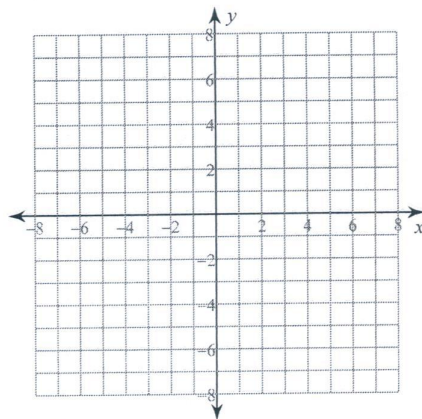
C:  
V:  
F:  
Maj:  
Min:

$$7) \frac{x^2}{25} + \frac{y^2}{49} = 1$$



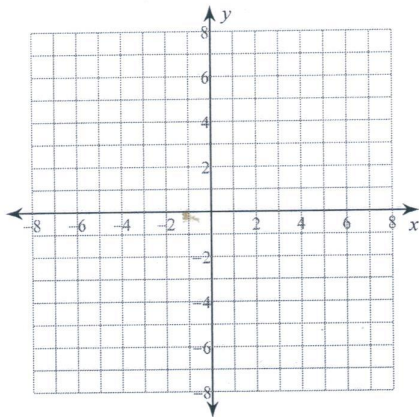
C:  
V:  
F:  
Maj:  
Min:

$$8) x^2 + \frac{y^2}{4} = 1$$



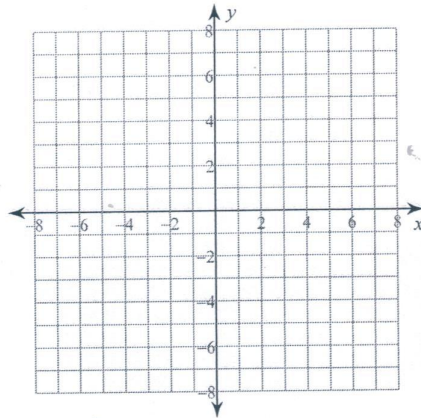
C:  
V:  
F:  
Maj:  
Min:

$$9) \frac{(x+1)^2}{16} + \frac{(y-1)^2}{36} = 1$$



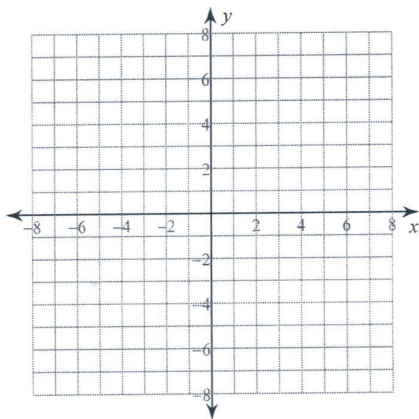
C:  
V:  
F:  
Maj:  
Min:

$$10) \frac{(x-1)^2}{25} + \frac{y^2}{36} = 1$$



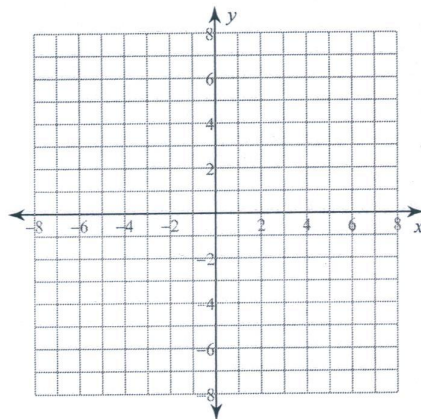
C:  
V:  
F:  
Maj:  
Min:

$$11) \frac{(x+3)^2}{9} + (y+1)^2 = 1$$



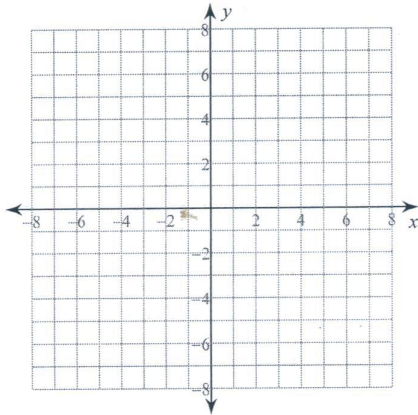
C:  
V:  
F:  
Maj:  
Min:

$$12) \frac{x^2}{16} + \frac{(y-1)^2}{9} = 1$$



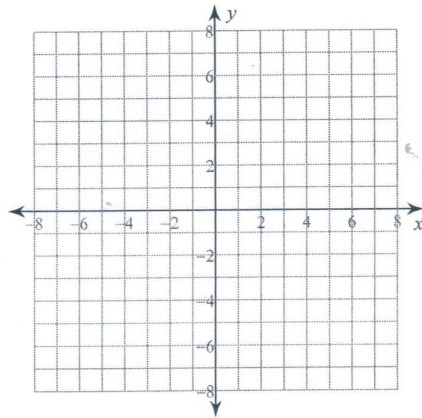
C:  
V:  
F:  
Maj:  
Min:

$$13) \frac{(x-5)^2}{4} + \frac{y^2}{49} = 1$$



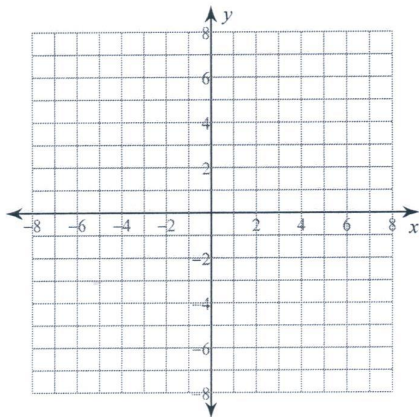
C:  
V:  
F:  
Maj:  
Min:

$$14) \frac{(x+1)^2}{36} + \frac{(y+2)^2}{25} = 1$$



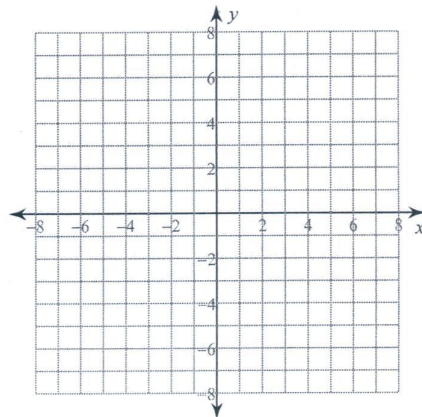
C:  
V:  
F:  
Maj:  
Min:

$$15) \frac{x^2}{4} + \frac{(y-1)^2}{25} = 1$$



C:  
V:  
F:  
Maj:  
Min:

$$16) \frac{(x-2)^2}{25} + (y+4)^2 = 1$$



C:  
V:  
F:  
Maj:  
Min: