

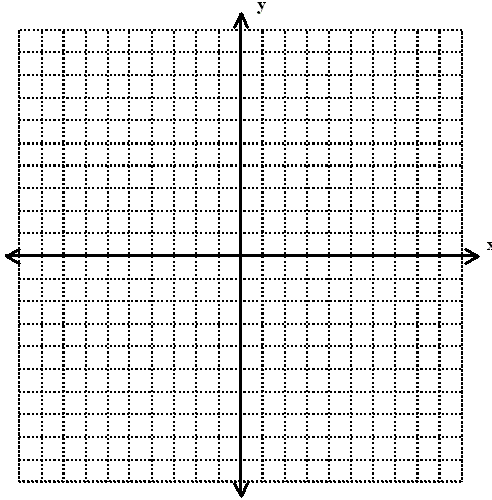
Hyperbolas

© MATHguide.com

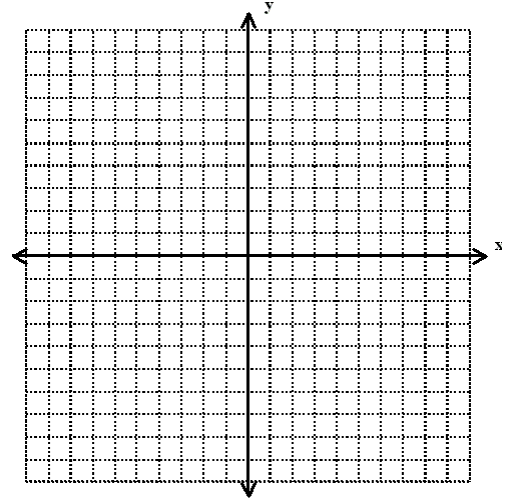
Name: _____

For each equation, sketch the hyperbola and its points of interest: foci, vertices, and center.

1)
$$\frac{(x - 3)^2}{9} - \frac{(y - 2)^2}{16} = 1$$



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



3)
$$\frac{(x + 5)^2}{16} - \frac{(y - 1)^2}{4} = 1$$

