

Graph each Hyperbola. Find the center, vertices, foci, and equation of the asymptotes for each hyperbola whose equation is given.

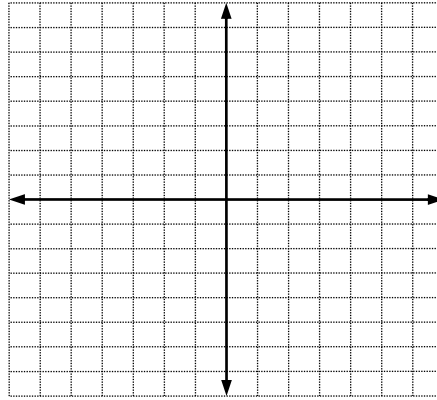
1. $\frac{x^2}{1} - \frac{y^2}{4} = 1$

Center _____

Vertices _____

Foci _____

Asymptotes _____



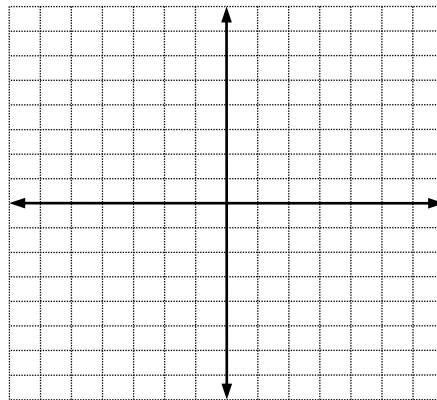
2. $\frac{y^2}{1} - \frac{x^2}{4} = 1$

Center _____

Vertices _____

Foci _____

Asymptotes _____



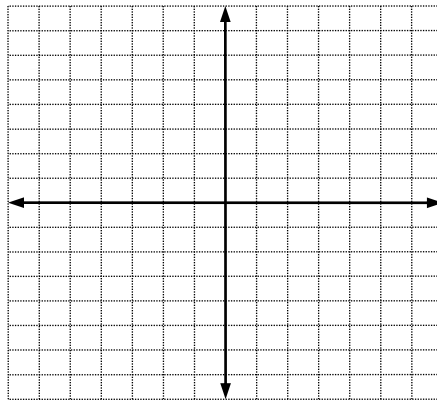
3. $\frac{(x+3)^2}{9} - \frac{(y-2)^2}{25} = 1$

Center _____

Vertices _____

Foci _____

Asymptotes _____



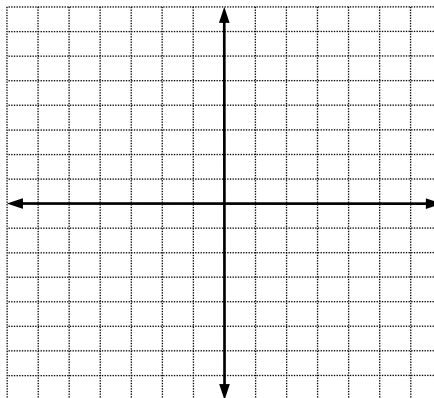
$$4. \frac{(y+3)^2}{9} - \frac{(x-4)^2}{16} = 1$$

Center _____

Vertices _____

Foci _____

Asymptotes _____



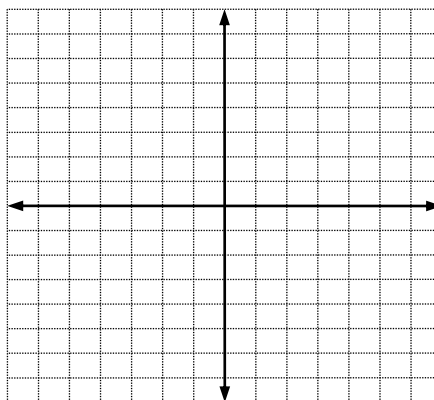
$$5. \frac{(x+1)^2}{9} - \frac{(y-2)^2}{64} = 1$$

Center _____

Vertices _____

Foci _____

Asymptotes _____



$$6. \frac{(y-2)^2}{36} - \frac{x^2}{4} = 1$$

Center _____

Vertices _____

Foci _____

Asymptotes _____

