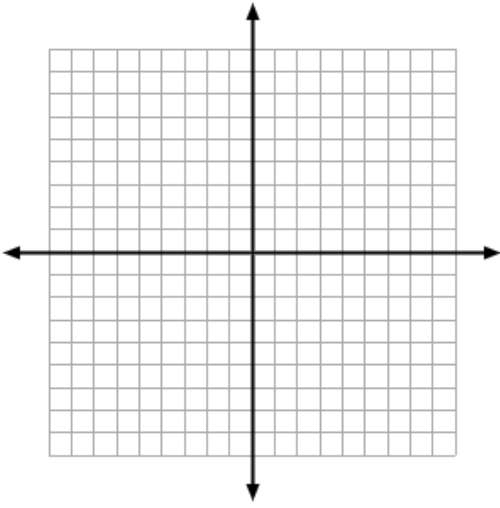
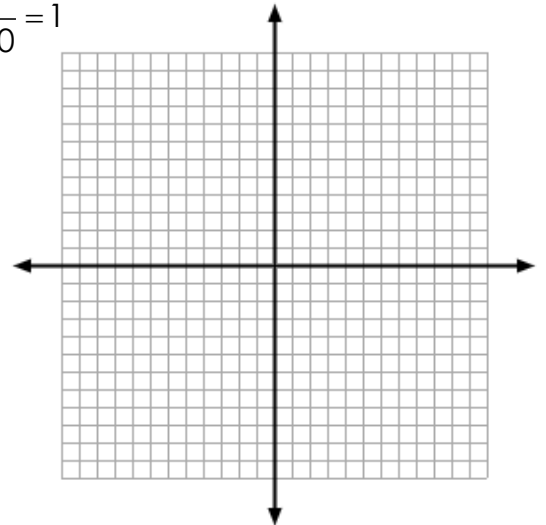


Graph the hyperbola given by each equation.

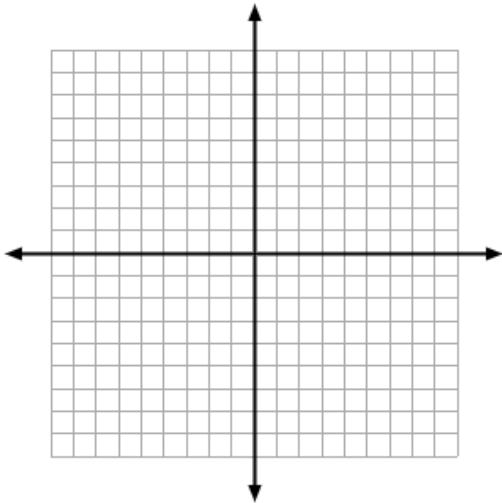
1.  $\frac{x^2}{16} - \frac{y^2}{9} = 1$



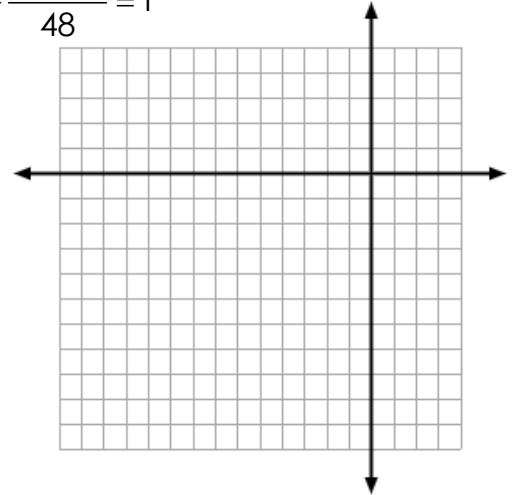
2.  $\frac{x^2}{49} - \frac{y^2}{30} = 1$



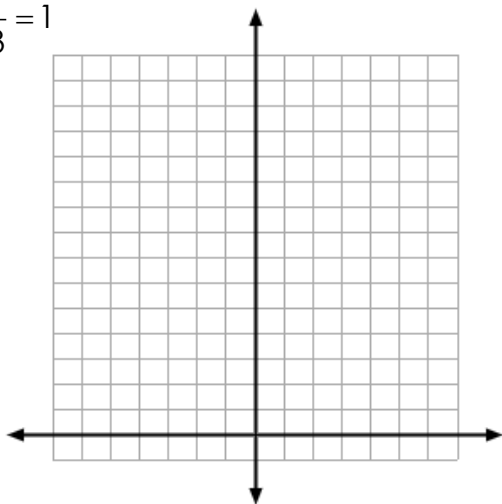
3.  $\frac{x^2}{9} - \frac{y^2}{21} = 1$



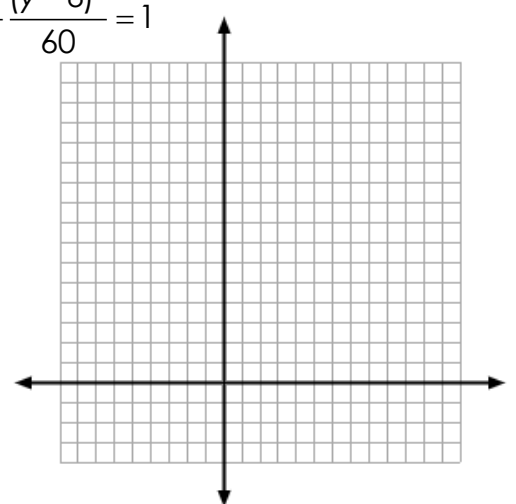
4.  $\frac{(x+5)^2}{9} - \frac{(y+4)^2}{48} = 1$



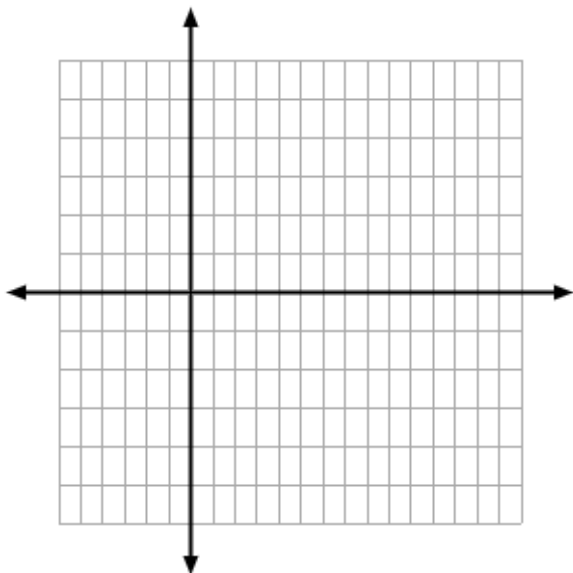
5.  $\frac{(y-7)^2}{4} - \frac{x^2}{33} = 1$



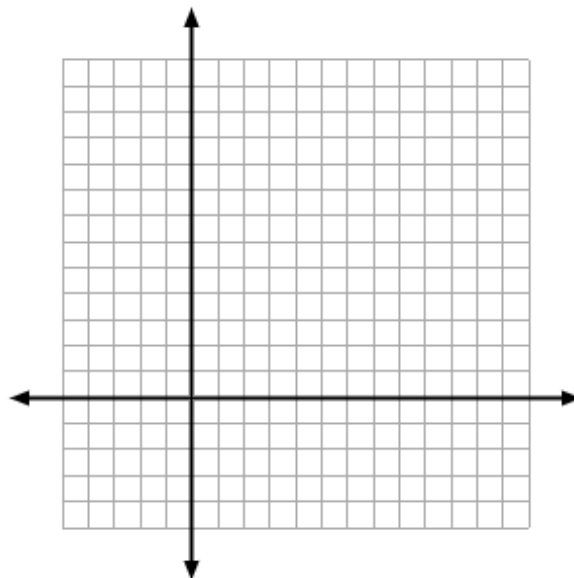
6.  $\frac{(x-2)^2}{25} - \frac{(y-6)^2}{60} = 1$



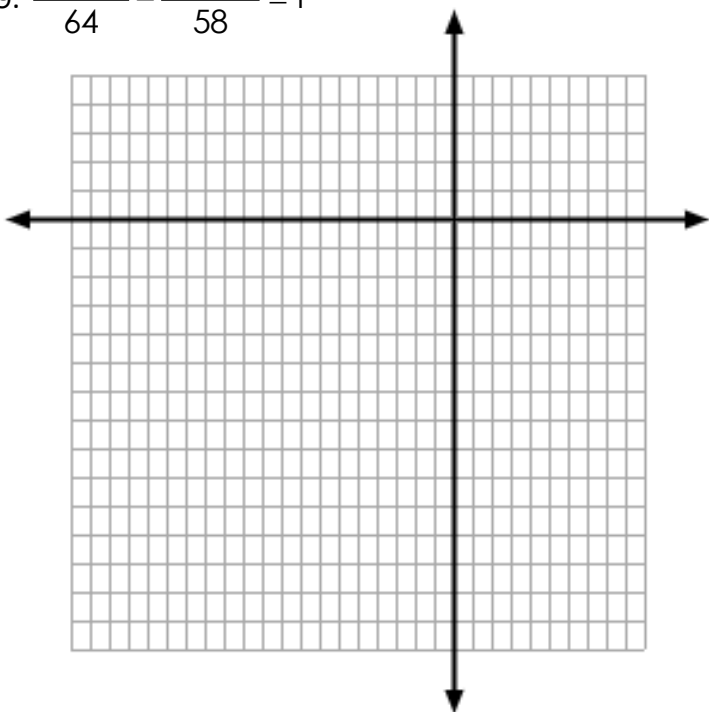
7.  $\frac{(x-5)^2}{49} - \frac{(y-1)^2}{17} = 1$



8.  $\frac{(y-3)^2}{16} - \frac{(x-4)^2}{42} = 1$



9.  $\frac{(x+6)^2}{64} - \frac{(y+5)^2}{58} = 1$



10. Write the equation for the hyperbola:

Foci:  $(-1, 9); (-1, -7)$

Conjugate axis length of 14 units