Warm-up 9: Hyperbola

Write the standard form of the equation of the hyperbola with vertices (11,-8) & (5,-8) and the distance from the center to the focus is 5.

5.7

Midpoint $(\frac{x_1+x_2}{2}, \frac{y_1+y_2}{2})$ Grater (8, -8) $(x+x)^2 - \frac{(y-k)^2}{b^2} = 1$ $(x-8)^2 - \frac{(y+8)^2}{b^2} = 1$