Here's an example, your problem is in the next column.

26 Example. Find the axes/directrix and the focal points.

Draw the graph of \( x^2 + 2x - 4y^2 + 8y = 7 \).

Complete the square. Then write the equation in hyperbola form. In this case \( \frac{(y+y_0)^2}{a^2} - \frac{(x-x_0)^2}{b^2} = 1 \)

\( a = ? \)  
\( b = ? \)  
\( c = ? \)

Major axis: 

Minor axis: 

Focal points:

Graph: