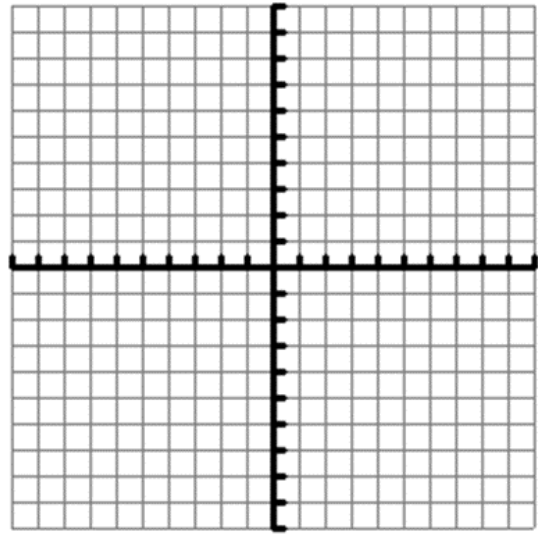


Warm-up 4: Hyperbola

$$4x^2 - y^2 + 8x - 2y - 13 = 0$$



center = _____

vertices = _____

foci = _____

asyptotes = _____