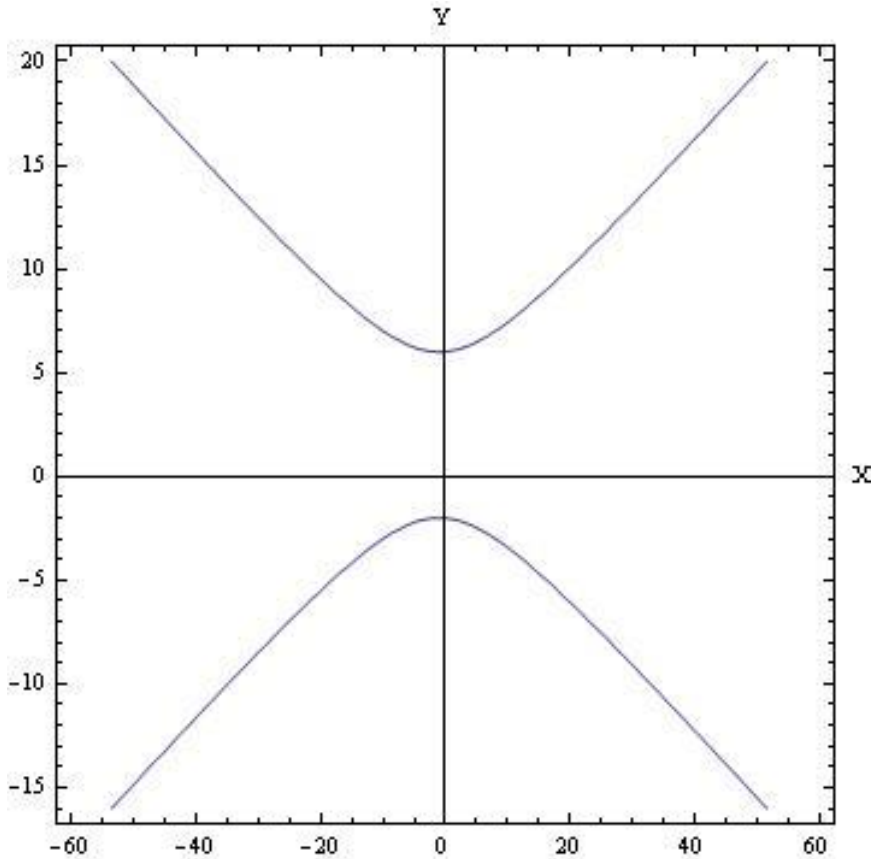# Answer on Question #57231 – Math – Calculus

1. Graph this hyperbola:

$$\frac{(y-2)^2}{16} - \frac{(x+1)^2}{144} = 1.$$

Solution

This graph was obtained in Wolfram Mathematica software. We can also do it manually, but it is more difficult from a technical point of view: we must find centre, asymptotes and vertices.

Some information about it can be found at http://mathworld.wolfram.com/Hyperbola.html .