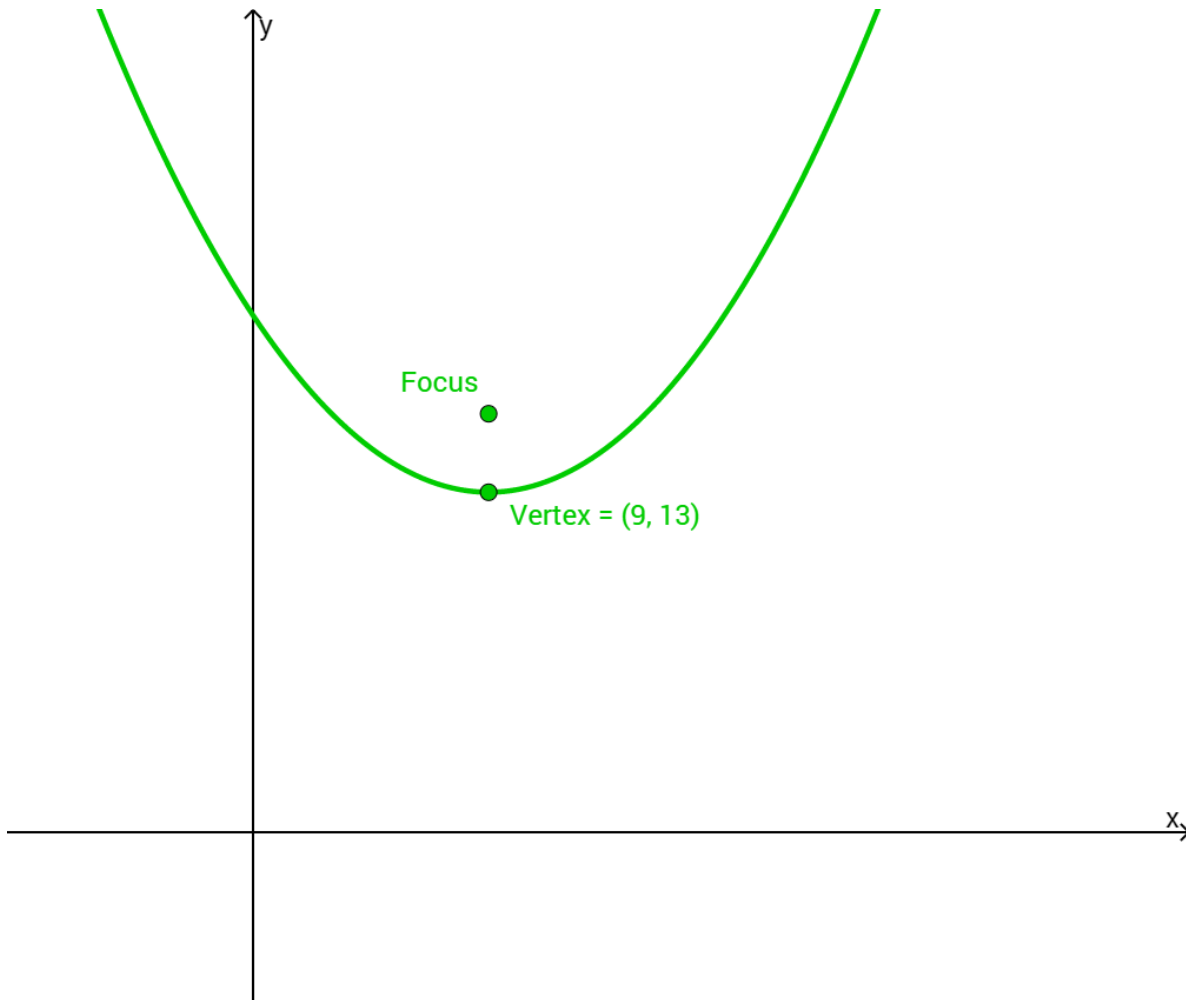


1. The parabola below has a vertex of  $(9,13)$  and an unknown  $p$ -value. Add and label the distance  $p$  to the graph. Add the directrix of this parabola to the graph.



2. What are the other distances that you know for this graph? Add and label the distances you can determine.
3. What are the coordinates of the focus? What is the equation of the directrix? Show how you determined those values.