Activity 3 of Lesson 5:
Derive the Equation of a Parabola with p = 5 and Vertex (9,13)

Use the Pythagorean Theorem and the definition of a parabola to derive an equation for the parabola with **p = 5** and **vertex (9,13).** Make note of anything that makes this parabola harder to work with than if the vertex was at the origin.

Vertex = (9, 13)