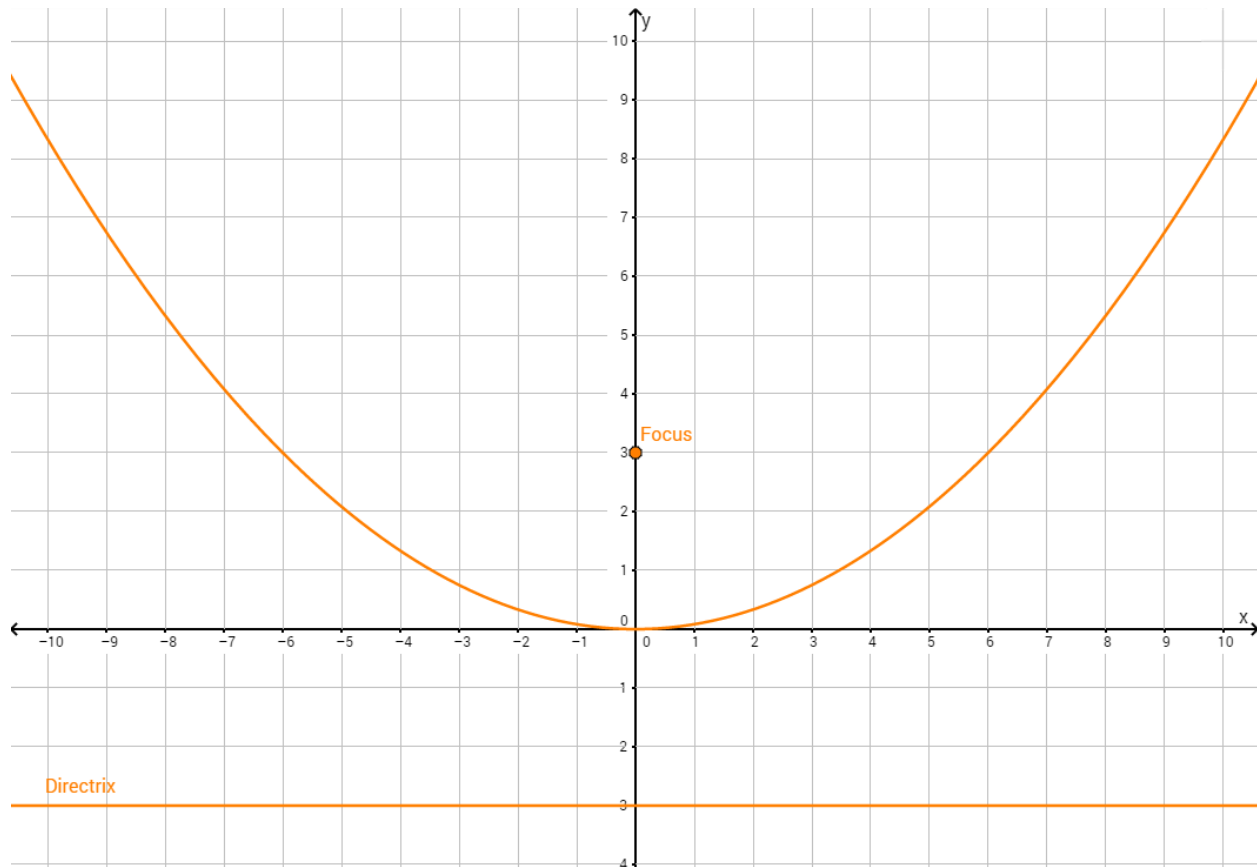
1. The orange parabola has a focus at (0,3). First, remind yourself of your conjecture for the equation of the parabola. Now, determine the equation that represents the parabola shown in orange, which has a vertex of (0, 0) and a distance of 3 units between its focus and vertex. Use the Pythagorean Theroem and the definition of a parabola in your work.

2. Compare your work with Sasha's and Keoni's work. What is similar? What is different?

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