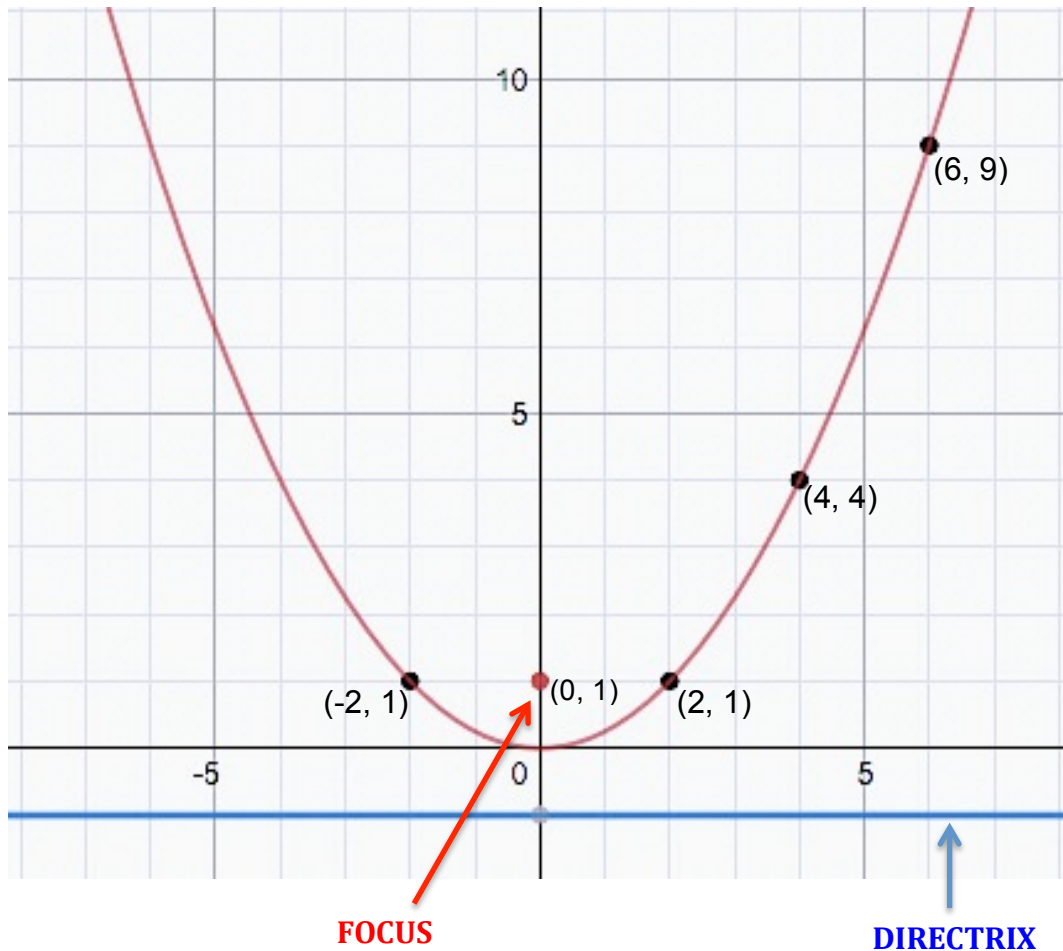> DEFINITION: A parabola is the set of points that are equal distance from a fixed point (called the **focus)** and a fixed line (called the **directrix**).

1. Use the definition of a parabola and the Pythagorean theorem to find the x-value of a point on a parabola when the y-value is seven.

2. Are your methods to find the x-value the same as Keoni and Sasha? If they are different, why do both the methods work?