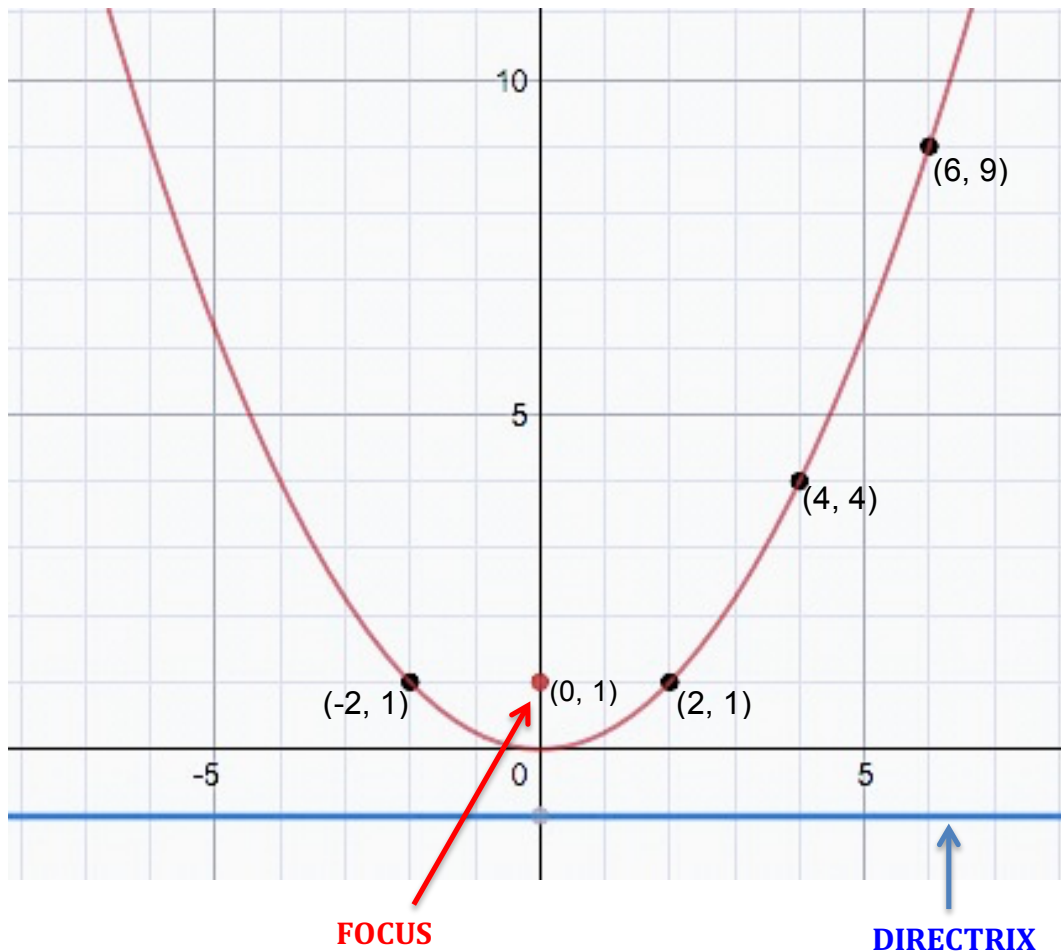


DEFINITION: A parabola is the set of points that are equal distance from a fixed point (called the **focus**) and a fixed line (called the **directrix**).

1. Find the y-value of a point on a parabola when the x-value is 5.



2. How would you use the definition of the parabola to find the y-value when the x-value is 5?

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