

Algebra II

7-5

Quadratic Functions and Their Graphs

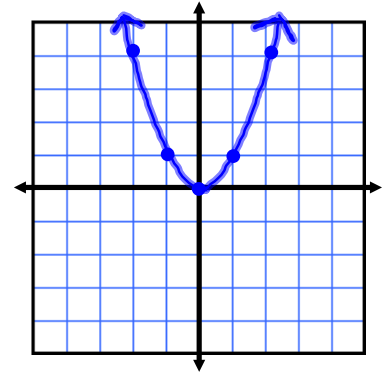
Concept Review

General Form of a Quadratic Equation -

Most Basic Quadratic Equation -

Quadratic Formula -

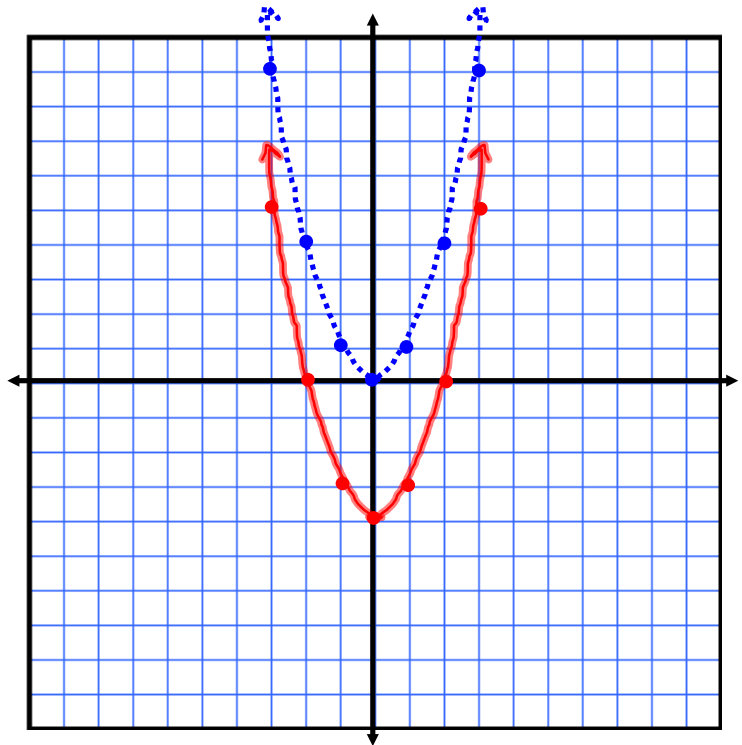
What is the big deal about the Quadratic Formula?



How can we change $y = x^2$
to get the new graph?

(Vertex down 4)

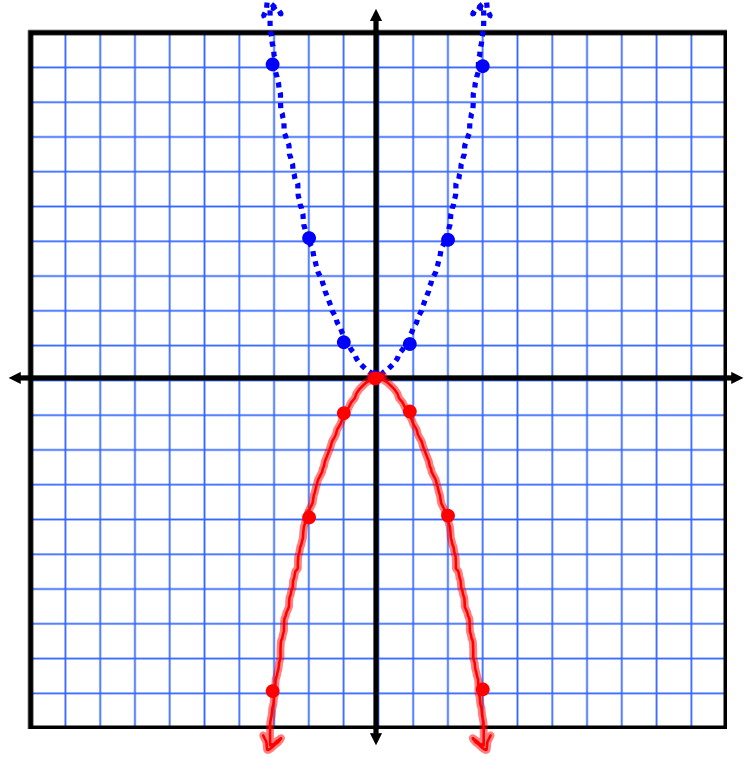
$y =$ _____



How can we change $y = x^2$ to get the new graph?

(Upside Down)

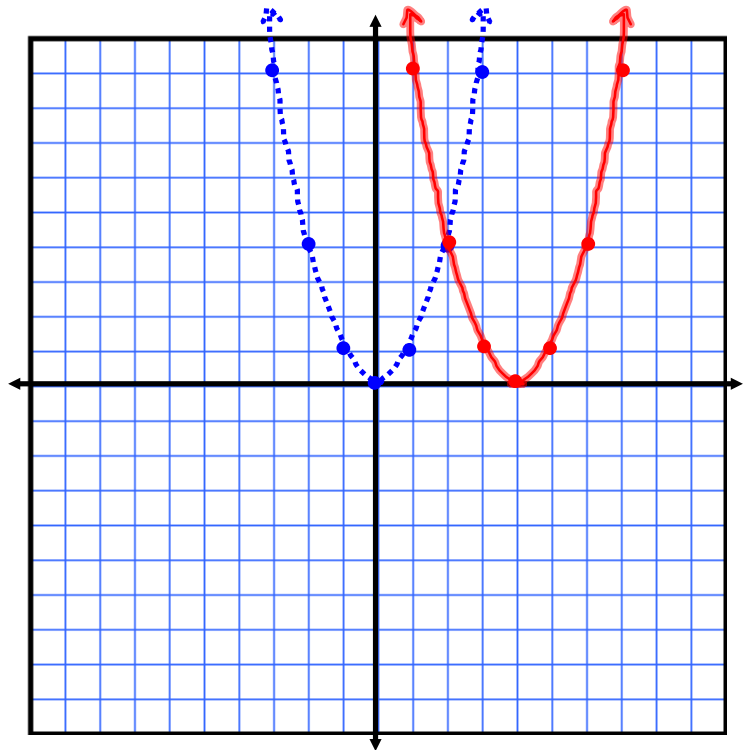
$y =$ _____



How can we change $y = x^2$ to get the new graph?

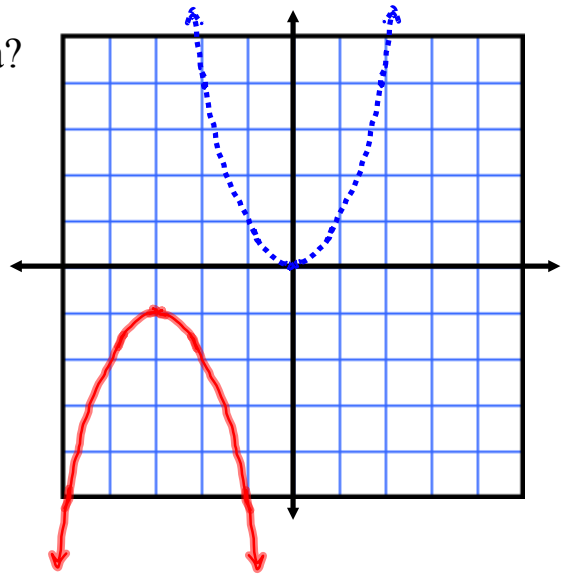
(Vertex 4 to the right)

$y =$ _____



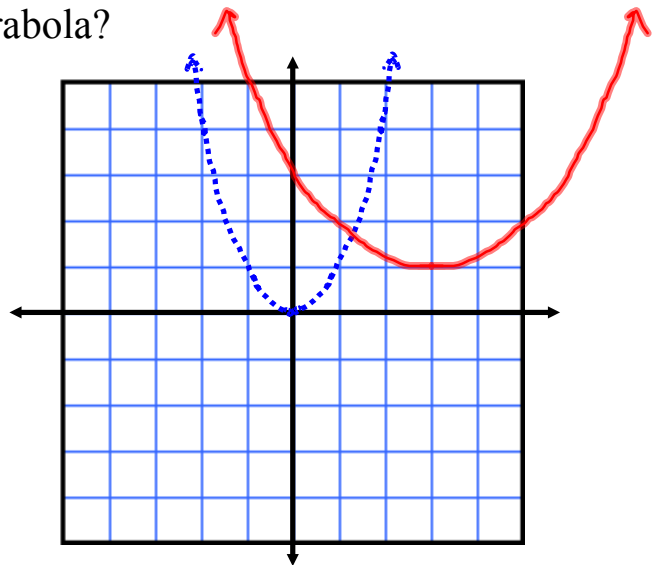
What is the equation of the transformed parabola?

$y =$ _____



What is the equation of the transformed parabola?

$y =$ _____



Assignment:

Pg. 330

Oral Exercises:

1-8 all