

Homework Assignments

- List all of the characteristics of the quadratic function.
- Describe what happens to the function $f(x) = (x-3)^2 + 5$, related to the parent function $y = x^2$.
- Page 532 (1 – 12)
- Pages 528 – 530 (11, 16, 19, 21, 36, 38, 44 – 46, 55, 59)
- Pages 536 – 538 (11, 12, 17, 22, 23, 35 – 39, 49, 50)
- Pages 542 – 544 (5, 7, 16, 22, 28, 29, 32, 40, 49, 50, 54)
- Pages 550 – 552 (15 – 18, 27, 33, 36, 45, 46, 47, 55, 56)

Vocabulary

Current

Axis of Symmetry

Parabola

Roots of an Equation

Discriminant

Quadratic Equation

Vertex

Linear Term

Quadratic Formula

Zeros of a Function

Quadratic Term