

Analyzing Graphs of Quadratic Functions (pp. 322–328)

Day 1: Analyze Quadratic Functions

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objective

_____ Analyze quadratic functions of the form $y = a(x - h)^2 + k$.

_____ State/Local Objectives: _____

Focus

_____ Collection of homework

_____ *5-Minute Check Transparencies*, Lesson 6-6

Teach

_____ Graphing Calculator Investigation, *SE*, pp. 320–321

_____ Example 1, *SE*, p. 322

_____ In-Class Example 1, *TWE*, p. 323

_____ *Interactive Chalkboard*, *CD-ROM*, Lesson 6-6

_____ algebra2.com/extra_examples

_____ Check for Understanding, Exercises 1, 3, 5, 8, 9, *SE*, pp. 325–326

Practice/Apply

Homework Assignments

_____ Practice and Apply, Exercises 15, 16, 27–30, 47, 51, 52, 54, 56, *SE*, pp. 326–327

_____ Alternate Assignment _____

_____ Skills Practice, Exercises 1–6, 10–14, *CRM*, p. 345

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Functions (pp. 322–328)

Day 2: Write Quadratic Functions in Vertex Form

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objective

_____ Write a quadratic function in the form of $y = a(x - h)^2 + k$.

_____ State/Local Objectives: _____

Focus

_____ Review of homework using *Answer Key Transparencies*, Lesson 6-6

_____ Maintain Your Skills, Exercises 57–67, *SE*, p. 328

Teach

_____ Examples 2–4, *SE*, pp. 324–325

_____ In-Class Examples 2–4, *TWE*, pp. 324–325

_____ *Interactive Chalkboard*, *CD-ROM*, Lesson 6-6

_____ algebra2.com/extra_examples

_____ Check for Understanding, Exercises 2, 4, 6, 7, 10–14, *SE*, pp. 325–326

_____ Daily Intervention, *TWE*, p. 324

Practice/Apply

Homework Assignments

_____ Practice and Apply, Exercises 19–26, 31–34, 39–46, 48–50, 53, 55, *SE*, pp. 326–327
 Practice Quiz 2, Exercises 1–10, *SE*, p. 328

_____ Alternate Assignment _____

_____ Skills Practice, Exercises 7–9, 15–18, *CRM*, p. 345

Assess

_____ Practice Quiz 2, *SE*, p. 328

_____ Open-Ended Assessment, *TWE*, p. 328

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Analyzing Graphs of Quadratic Functions (pp. 322–328)

Day 3: Review

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objectives

_____ Analyze quadratic functions of the form $y = a(x - h)^2 + k$.

_____ Write a quadratic function in the form $y = a(x - h)^2 + k$.

_____ State/Local Objectives: _____

Focus

_____ Review of homework using *Answer Key Transparencies*, Lesson 6-6

_____ Maintain Your Skills, Exercises 68–71, *SE*, p. 328

Teach

_____ Reading to Learn Mathematics, *CRM*, p. 347

_____ Study Guide and Intervention, Examples, *CRM*, pp. 343–344

Practice/Apply

Homework Assignments

_____ Study Guide and Intervention, All Exercises, *CRM*, pp. 343–344

_____ Alternate Assignment _____

_____ Practice, *CRM*, p. 346

_____ Extra Practice, *SE*, p. 841

Assess

_____ Assessment, Quiz, *CRM*, p. 370

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