

Exponential Growth and Decay (pp. 560–565)**Day 1: Exponential Decay**

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objective

____ Use logarithms to solve problems involving exponential decay.

____ State/Local Objectives: _____

Focus

____ Collection of homework

____ *5-Minute Check Transparencies*, Lesson 10-6**Teach**____ Examples 1, 2, *SE*, pp. 560–561____ In-Class Examples 1, 2, *TWE*, p. 561____ *Interactive Chalkboard*, *CD-ROM*, Lesson 10-6

____ algebra2.com/extra_examples

____ Check for Understanding, Exercises 4–6, 9, *SE*, p. 563**Practice/Apply****Homework Assignments**____ Practice and Apply, Exercises 10, 12–14, 21–24, *SE*, pp. 563–564

____ Alternate Assignment _____

____ Skills Practice, Exercises 1, 6, 7, *CRM*, p. 605

Exponential Growth and Decay (pp. 560–565)

Day 2: Exponential Growth

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objective

___ Use logarithms to solve problems involving exponential growth.

___ State/Local Objectives: _____

Focus

___ Review of homework using *Answer Key Transparencies*, Lesson 10-6

___ Maintain Your Skills, Exercises 25–30, *SE*, p. 565

Teach

___ Examples 3, 4, *SE*, p. 562

___ In-Class Examples 3, 4, *TWE*, p. 562

___ *Interactive Chalkboard*, *CD-ROM*, Lesson 10-6

___ algebra2.com/extra_examples

___ Daily Intervention, *TWE*, p. 561

___ Check for Understanding, Exercises 1–3, 7, 8, *SE*, p. 563

Practice/Apply

Homework Assignments

___ Practice and Apply, Exercises 11, 15–18, *SE*, pp. 563–564

___ Alternate Assignment _____

___ Skills Practice, Exercises 2–5, 8, *CRM*, p. 605

___ *School-to-Career Masters*, p. 20

Assess

___ Open-Ended Assessment, *TWE*, p. 565

___ algebra2.com/self_check_quiz

Exponential Growth and Decay (pp. 560–565)

Day 3: Review

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objectives

- ___ Use logarithms to solve problems involving exponential decay.
- ___ Use logarithms to solve problems involving exponential growth.
- ___ State/Local Objectives: _____

Focus

- ___ Review of homework using *Answer Key Transparencies*, Lesson 10-6
- ___ Maintain Your Skills, Exercises 34–40, *SE*, p. 565

Teach

- ___ Reading to Learn Mathematics, *CRM*, p. 607
- ___ Study Guide and Intervention, Examples, *CRM*, pp. 603–604

Practice/Apply

Homework Assignments

- ___ Study Guide and Intervention, All Exercises, *CRM*, pp. 603–604
- ___ Alternate Assignment _____

- ___ Practice, *CRM*, p. 606
- ___ Extra Practice, *SE*, p. 851

Assess

- ___ Assessment, Quiz, *CRM*, p. 624
- ___ algebra2.com/self_check_quiz