

Common Logarithms (pp. 547–551)**Day 1: Common Logarithms**

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objective

____ Solve exponential equations and inequalities using common logarithms.

____ State/Local Objectives: _____

Focus

____ Collection of homework

____ *5-Minute Check Transparencies*, Lesson 10-4**Teach**____ Examples 1–4, *SE*, pp. 547–548____ In-Class Examples 1–4, *TWE*, p. 548____ *Interactive Chalkboard*, *CD-ROM*, Lesson 10-4

____ algebra2.com/extra_examples

____ Check for Understanding, Exercises 1, 2, 4–12, 16, *SE*, p. 549____ Daily Intervention, *TWE*, p. 549**Practice/Apply****Homework Assignments**____ Practice and Apply, Exercises 17–42, 51–55, 57–61, *SE*, pp. 549–551

____ Alternate Assignment _____

____ Skills Practice, Exercises 1–22, *CRM*, p. 593____ Graphing Calculator Investigation, *SE*, pp. 552–553____ *Real-World Transparencies and Masters*, p. 10

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Day 2: Change of Base Formula

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objective

____ Evaluate logarithmic expressions using the Change of Base Formula.

____ State/Local Objectives: _____

Focus

____ Review of homework using *Answer Key Transparencies*, Lesson 10-4____ Maintain Your Skills, Exercises 62–67, 69–71, *SE*, p. 551

Teach

____ Example 5, *SE*, p. 549____ In-Class Example 5, *TWE*, p. 549____ *Interactive Chalkboard*, *CD-ROM*, Lesson 10-4

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____ Check for Understanding, Exercises 13–15, *SE*, p. 549____ Daily Intervention, *TWE*, p. 548

Practice/Apply

Homework Assignments

____ Practice and Apply, Exercises 45–48, 56, *SE*, p. 550

____ Alternate Assignment _____

____ Skills Practice, Exercises 23–26, *CRM*, p. 593

Assess

____ Open-Ended Assessment, *TWE*, p. 551

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Common Logarithms (pp. 547–551)**Day 3: Review**

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objectives

____ Solve exponential equations and inequalities using common logarithms.

____ Evaluate logarithmic expressions using the Change of Base Formula.

____ State/Local Objectives: _____

Focus____ Review of homework using *Answer Key Transparencies*, Lesson 10-4____ Maintain Your Skills, Exercises 72–77, *SE*, p. 551**Teach**____ Reading to Learn Mathematics, *CRM*, p. 595____ Study Guide and Intervention, Examples, *CRM*, pp. 591–592**Practice/Apply****Homework Assignments**____ Study Guide and Intervention, All Exercises, *CRM*, pp. 591–592

____ Alternate Assignment _____

____ Practice, *CRM*, p. 594____ Extra Practice, *SE*, p. 850**Assess**____ Assessment, Mid-Chapter Test, *CRM*, p. 625____ algebra2.com/self_check_quiz