

STUDENT NAME: _____ DATE: _____ GRADE / CLASS: _____ SCORE: _____

LESSON 51 • ORTHOGRAPHIC ANALYSIS • CONSONANT DOUBLING

Original Page 31 • 12 Derived Words

Orthographic Discovery: Discovering why some base words double their final consonant before **-ing** and **-ed** while others do not.**ANALYSIS • DOUBLING RULES****1** Copy carefully and spell orally.

bending

setting

seeming

meaning

cheering

fearing

nutting

wedding

matted

joined

thanked

streamed

2 Write the base word from which each word was formed.

bending →

setting →

seeming →

meaning →

cheering →

fearing →

nutting →

wedding →

matted →

joined →

thanked →

streamed →

3 Answer these questions.

- a. Which words from the lesson have a doubled final consonant? **Words:** _____
- b. What kind of vowel comes before the consonant when it is doubled? **Answer:** _____
- c. What kind of vowel comes before the consonant in *seeming*, *meaning*, *joined*? **Answer:** _____
- d. Why is the letter **k** not doubled in *thanked*? **Answer:** _____

RULES TO REMEMBER • LESSON 51**Rule 1 • Short Vowel → Double**When a 1-syllable word has a short vowel before a single final consonant, double the consonant before adding **-ing** or **-ed** (*set* → *setting*).**Rule 2 • Long Vowel Team → Do Not Double**When two vowels come together making a long sound (*ee*, *ea*, *oi*), do not double the consonant (*seem* → *seeming*, *join* → *joined*).**Rule 3 • Consonant Blends → Do Not Double**When a word ends in two consonants (**-nd**, **-nk**), the consonant is already protected, so do not double (*bend* → *bending*, *thank* → *thanked*).

TEACHER INSTRUCTIONAL GUIDE • LESSON 51

Consonant Doubling Matrix • Socratic Solutions • Decodable Dictation

M Orthographic Matrix: Detailed breakdown of all 12 core words in Lesson 51.

WORD / IPA	BASE WORD	SUFFIX ADDED	VOWEL TYPE	DOUBLING STATUS	ORTHOGRAPHIC & SOCRATIC REASONING
bending /ˈbendɪŋ/	bend	-ing	Short /ɛ/	Not doubled	Base ends in consonant blend -nd; blend already protects short vowel.
setting /ˈsetɪŋ/	set	-ing	Short /ɛ/	Doubled (tt)	1-1-1 Rule: 1 syllable, 1 short vowel, ends in single consonant t.
seeming /ˈsiːmɪŋ/	seem	-ing	Long /i:/ (ee)	Not doubled	Preceded by doubled vowel ee (vowel team). Never double after digraphs.
meaning /ˈmiːnɪŋ/	mean	-ing	Long /i:/ (ea)	Not doubled	Preceded by two vowels with long sound (ea).
cheering /ˈtʃiːərɪŋ/	cheer	-ing	R-team (eer)	Not doubled	Preceded by doubled vowel ee before liquid r.
fearing /ˈfiːərɪŋ/	fear	-ing	R-team (ear)	Not doubled	Preceded by two vowels (ea).
nutting /ˈnʌtɪŋ/	nut	-ing	Short /ʌ/	Doubled (tt)	1-1-1 Rule: CVC with short u; single t doubles to preserve /ʌ/.
wedding /ˈwedɪŋ/	wed	-ing	Short /ɛ/	Doubled (dd)	1-1-1 Rule: short e followed by single d doubles.
matted /ˈmætɪd/	mat	-ed	Short /æ/	Doubled (tt)	1-1-1 Rule: short a followed by single t doubles before -ed.
joined /dʒɔɪnd/	join	-ed	Diphthong /ɔɪ/	Not doubled	Preceded by two vowels forming diphthong oi.
thanked /θæŋkt/	thank	-ed	Short /æ/	Not doubled	Base ends in consonant blend -nk; k is preceded by consonant n, not vowel.
streamed /striːmd/	stream	-ed	Long /i:/ (ea)	Not doubled	Preceded by two vowels with long sound (ea).

K Master Answer Key: Base words, Socratic discovery solutions.

Exercise 2 Base Word Solutions:

- bending → **bend** | setting → **set** | seeming → **seem** | meaning → **mean** | cheering → **cheer** | fearing → **fear**
• nutting → **nut** | wedding → **wed** | matted → **mat** | joined → **join** | thanked → **thank** | streamed → **stream**

Exercise 3 Socratic Discovery Solutions:

- Question a: **setting, nutting, wedding, matted.**
- Question b: **A short vowel.**
- Question c: **A doubled vowel, or two vowels with a long sound** (vowel teams ee, ea, oi).
- Question d: **Because k is preceded by consonant n** (a consonant blend -nk, not a single short vowel).

D Decodable Dictation Sentences: Read each sentence clearly, emphasizing doubling.

Sentence 1 (**setting, nutting**)

"The sun was setting as the children went nutting in the woods."

Sentence 2 (**cheering, fearing**)

"They were cheering and fearing no harm on that happy day."

Sentence 3 (**thanked, joined, wedding**)

"We thanked the kind man and joined the merry wedding feast."

Sentence 4 (**streamed, matted**)

"The bright water streamed over the matted grass."