

UNIT: UKULELE

ACT-BASED MATH: STRING TENSION & ALGEBRAIC RELATIONSHIPS ANSWER KEY

ACT-STYLE QUESTION:

- If a ukulele string is **0.6 m long**, with a frequency of **440 Hz** and a mass of **0.0002 kg/m**, what is its tension?
 - A. 15.4 N
 - B. 30.8 N
 - C. **61.6 N**
 - D. 123.2 N

(Correct Answer: C)