



Errata: *Victory for the ACT® Test, 14th Edition*

The Cambridge Victory publications involve the collaborative effort of skilled test preparation writers, experienced educators, and trained editors to produce a product that effectively prepares students for test day. We work hard to create accurate, error-free materials, but occasionally we make mistakes. Please see the corrections below and notify your students of these changes when you present this item in class:

| Page | For | Read |
|---|----------|---|
| 506, Essential Skills Teacher's Guide | #93 | 93. For all real numbers x , y , and z , $\sqrt[3]{x} = y^2$ and $y^3 = z^2$. Which one of the following equations expresses x in terms of z ? |
| 620, Essential Skills Student Text 833, Essential Skills Teacher's Guide | #21 | 21. The three experiments taken together show that the wavelength of a standing wave is dependent upon: A. the tension placed on the cord only. B. the frequency of the disturbance applied to the cord only. C. the frequency of the disturbance applied to the cord and the density of the cord only. D. the tension placed on the cord, the frequency of the disturbance applied to the cord, and the density of the cord. 21. (D) <i>EM Intermediate</i> Experiment 1 shows that the wavelength of a standing wave depends on the frequency of the disturbance, so eliminate (A). Experiment 2 shows that the wavelength of a standing wave depends on the tension placed on the cord, so eliminate (B) and (C). Thus, (D) must be correct. And Experiment 3 confirms this, because it shows that the wavelength of a standing wave also depends on the density of the cord. |
| 46, Victory Student Text 151, Victory Teacher's Guide | #15, (D) | alternative uses of |
| 526, Victory Teacher's Guide | #61 | Correct answer is (C). |



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289, Victory Student
Text
665, Victory Teacher's
Guide

Science Time
Trial, Passage

| Table 2 | | | | |
|--------------|---|------------------------------------|--------------------|--------------------|
| Temp (°C) | Concentration of garlic extract (μl/ml) * | Number of viable bacteria cells/ml | | |
| | | 0 hours | 24 hours | 36 hours |
| 2 | 0 | 9.95×10^4 | 3.01×10^7 | 3.69×10^7 |
| | 25 | 1.12×10^5 | 1.00×10^3 | 3.46×10^2 |
| | 50 | 9.33×10^4 | 1.50×10^2 | 1.20×10^2 |
| | 75 | 1.04×10^5 | 4.37×10^2 | 8.51×10 |
| | 100 | 1.25×10^5 | 5.13×10^2 | 3.63×10 |
| 22 | 0 | 8.32×10^4 | 8.71×10^7 | 8.91×10^7 |
| | 25 | 1.31×10^5 | 4.78×10^2 | 0 |
| | 50 | 9.55×10^4 | 0 | 0 |
| | 75 | 8.31×10^4 | 0 | 0 |
| | 100 | 1.23×10^5 | 0 | 0 |
| 42 | 0 | 7.94×10^4 | 3.90×10^7 | 1.41×10^7 |
| | 25 | 7.76×10^4 | 0 | 0 |
| | 50 | 9.77×10^4 | 0 | 0 |
| | 75 | 1.02×10^5 | 0 | 0 |
| | 100 | 1.31×10^5 | 0 | 0 |

*μ = 0.000001 = 10⁻⁶

690, Victory
Teacher's Guide

#20 explanation

The 70-phon loudness level line intersects the 20-hertz frequency at 110 decibels.