

Biology Toolkit: Indicator 1.6.5

Student Handout: Biology: Indicator 1.6.5

Goal 1.0 Skills And Processes

Expectation 1.6 The student will use mathematical processes.

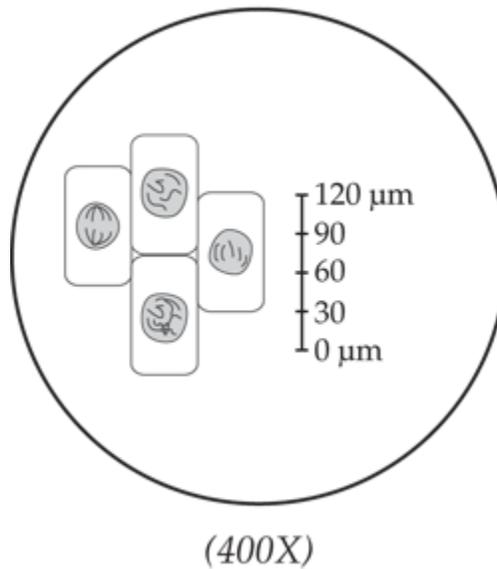
Indicator 1.6.5 The student will judge the reasonableness of an answer.

Public Release - Selected Response Item - Released in 2009

Biology Indicator 1.6.5

A student sketches some onion root tip cells as they appear when viewed through a light microscope. The student's sketch is shown below.

ONION ROOT TIP CELLS



Which of these measurements best represents the actual length of the onion root tip cells?

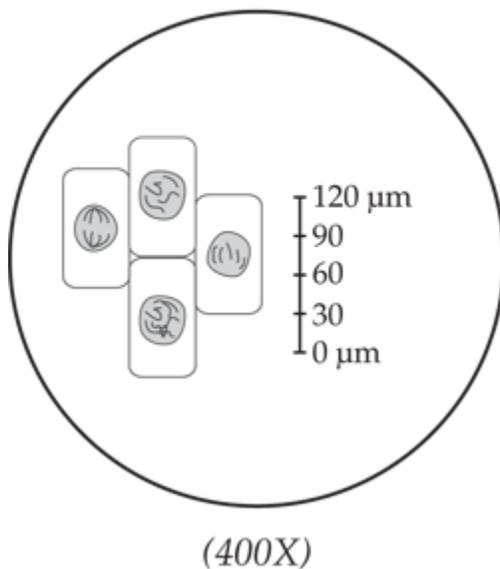
- A. 35 μm
- B. 55 μm
- C. 75 μm
- D. 95 μm

Correct Answer

D. 95 μm

Item

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