

Biology Toolkit: Indicator 1.6.1

Student Handout: Biology: Indicator 1.6.1

Goal 1.0 Skills And Processes

Expectation 1.6 The student will use mathematical processes.

Indicator 1.6.1 The student will use ratio and proportion in appropriate situations to solve problems.

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Biology Indicator 1.6.1

A biologist is using a microscope to observe a very small organism with the low-power 10X lens. If the biologist switches to the 40X lens, how will the appearance of this organism change?

- A. It will appear 4 times larger.
- B. It will appear 40 times larger.
- C. It will appear 50 times larger.
- D. It will appear 400 times larger.

Correct Answer

- A. It will appear 4 times larger.

Item

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