

Lesson 2: Guidelines for Scientific Drawings

**Purpose:** A reference sheet for the 10 requirements of how to make a scientific drawing.

An acceptable scientific drawing includes the following 10 elements:

1. The drawing is made with a sharp, No. 2 pencil.
2. The size of the drawing is proportional to the way the magnified object appears in the field of view.
3. The magnification and/or the diameter of the field of view is printed just below the circle. (Usually 40X, 100X, or 400X).
4. The title appears in UPPER-CASE letters just below the magnification.
5. The lines used for labeling end at, or just inside of, the feature being identified.
6. A ruler is used to draw the lines for labels.
7. Labels are printed neatly outside the field of view and parallel to the bottom of the page.
8. The magnification, title, and labels are printed, not written in cursive.
9. There are no noticeable erasure marks.
10. Measurements are printed within parentheses to the right of the title.

This drawing of cells from the bulb (leaf) of the onion is considered acceptable because it follows all of the 10 guidelines.

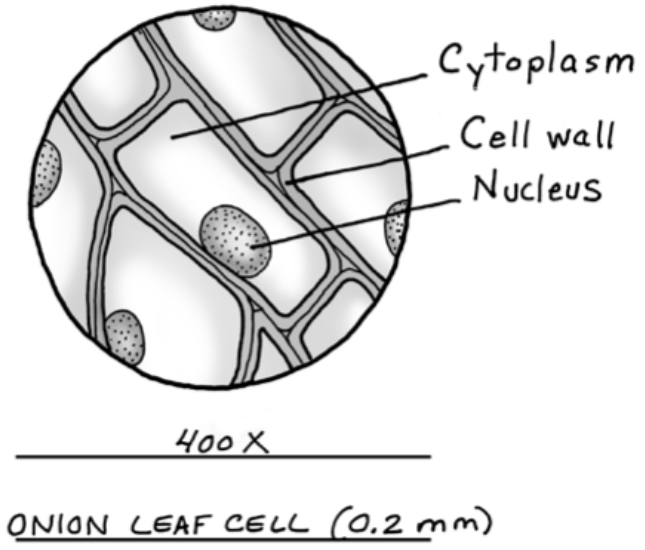


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