

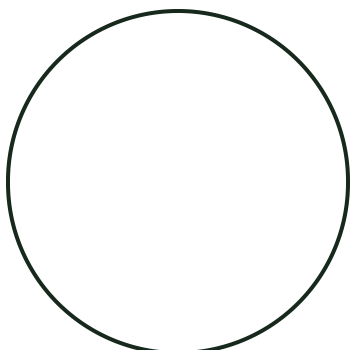
Five tissue slides: my record

Activity 1.1.3 support

Name _____ Period _____ Date _____

Panel 1 of 5

Tissue type: simple columnar epithelium

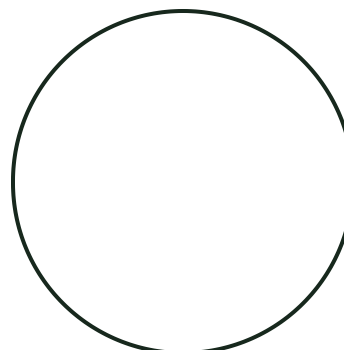


Sketch what fills the field of view. Label two features.

Main group: epithelial / connective / muscle / nervous**Total magnification:** ____x eyepiece × ____x objective = ____x**Activity:** 1.1.3 **Source:** ☐ microscope ☐ card D1 (400x view)**Observations** (cell arrangement; what sits between cells):

_____**Panel 2 of 5**

Tissue type: adipose tissue

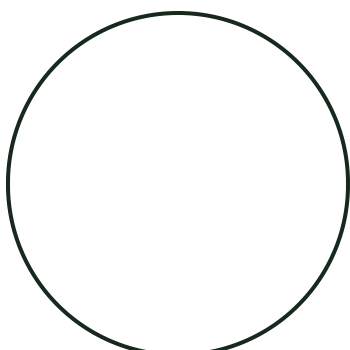


Sketch what fills the field of view. Label two features.

Main group: epithelial / connective / muscle / nervous**Total magnification:** ____x eyepiece × ____x objective = ____x**Activity:** 1.1.3 **Source:** ☐ microscope ☐ card D2 (400x view)**Observations** (cell arrangement; what sits between cells):

_____**Panel 3 of 5**

Tissue type: elastic tissue

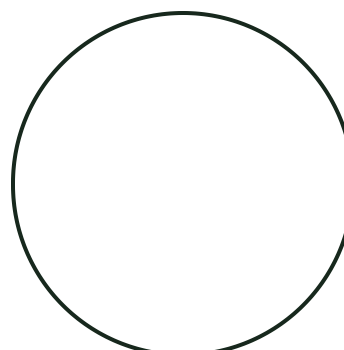


Sketch what fills the field of view. Label two features.

Main group: epithelial / connective / muscle / nervous**Total magnification:** ____x eyepiece × ____x objective = ____x**Activity:** 1.1.3 **Source:** ☐ microscope ☐ card D3 (400x view)**Observations** (cell arrangement; what sits between cells):

_____**Panel 4 of 5**

Tissue type: nerve



Sketch what fills the field of view. Label two features.

Main group: epithelial / connective / muscle / nervous**Total magnification:** ____x eyepiece × ____x objective = ____x**Activity:** 1.1.3 **Source:** ☐ microscope ☐ card D4 (400x view)**Observations** (cell arrangement; what sits between cells):

Circle one main group on each panel. Write the magnification as a product. Label two features on every sketch. Page 2 holds Panel 5 and the organization line. Original John Hay support for the microscope portion of PLTW HBS Activity 1.1.3; the official Histology Organizer stays in Schoology.

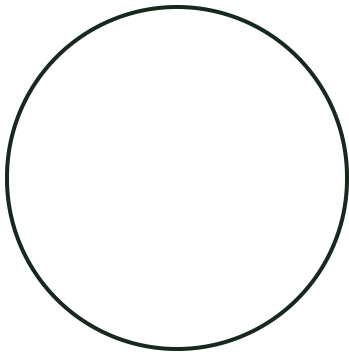
Panel 5, then the organization line

Activity 1.1.3 support

Name _____ Period _____ Date _____

Panel 5 of 5

Tissue type: skeletal muscle



Sketch what fills the field of view. Label two features.

Main group: epithelial / connective / muscle / nervous**Total magnification:** ____ x eyepiece × ____ x objective = ____ x**Activity:** 1.1.3 **Source:** ☐ microscope ☐ card D5 (400x view)**Observations** (cell arrangement; what sits between cells):

Organization line: the stomachWrite one example from the stomach at each level.
Smallest first.**Cell**

Tissue

Organ

Organ system

Organism

Before you turn it in

1. All five panels have a tissue type, a circled main group, a magnification written as a product, a sketch with two labels, and two observation sentences.
2. Any panel recorded without a microscope is marked "card" and shows the card's 400x view as $10x \times 40x = 400x$.
3. The organization line has five levels in order with a stomach example at each.
4. Save pages 1 and 2 as one PDF. Submit in Wk4 Lab notebook: Tissue types and body-organization model in your own Schoology section. Check the uploaded preview.

Source and rules: mendozabiomed.org/handouts/hbs-tissue-recording-practice.html (Reference R, Model M, slide cards D1 to D5, E3).
Manuel Mendoza, original AI-assisted course support, September 5, 2026.