



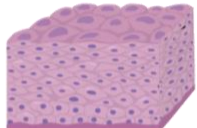




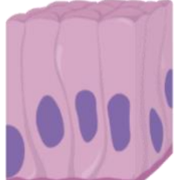
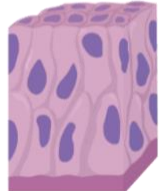

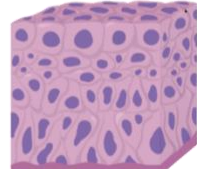


TOPIC: STRUCTURAL NAMING OF EPITHELIAL TISSUE

- Structurally, humans have _____ main types of epithelial tissue & most (6 of 8) are named using a 2-word-system:
 - 1st Word:** indicates *one* or *multiple* _____ of cells.
 - 2nd Word:** indicates cell _____.

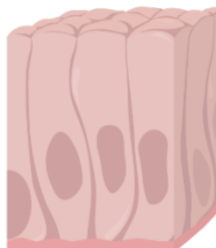
		1 st Word: # of cell layers	
		Simple _____ cell layer 	Stratified _____ cell layers 
2 nd Word: cell shape			
Squamous  Flat or _____		Simple Squamous 	Stratified Squamous 
Cuboidal  _____-like		Simple Cuboidal 	Stratified Cuboidal 
Columnar  Tall & Narrow like a _____		Simple Columnar 	Stratified Columnar 
Naming Exceptions		Pseudostratified columnar 	Transitional 

EXAMPLE: What are the names of the following tissues?

A



B



TOPIC: STRUCTURAL NAMING OF EPITHELIAL TISSUE

PRACTICE: You look at a slide under the microscope & the tissue has a single layer of cells next to an open surface.

The indicated cells are roughly as tall as they are wide. How would you identify these cells?

- a) Simple cuboidal epithelium.
- b) Simple squamous epithelium.
- c) Stratified cuboidal epithelium.
- d) Stratified squamous epithelium.

PRACTICE: Of the following tissue types, which is likely to be the thinnest overall?

- a) Stratified cuboidal epithelium.
- b) Simple columnar epithelium.
- c) Stratified columnar epithelium.
- d) Simple cuboidal epithelium.

PRACTICE: True or false: stratified squamous epithelium is thicker than simple squamous epithelium.

- a) True
- b) False

PRACTICE: You look at a slide under the microscope & the tissue has a double layer of cells next to an open surface.

The indicated cells are tall and narrow. How would you identify these cells?

- a) Stratified columnar epithelium.
- b) Stratified cuboidal epithelium.
- c) Simple columnar epithelium.
- d) Stratified squamous epithelium.