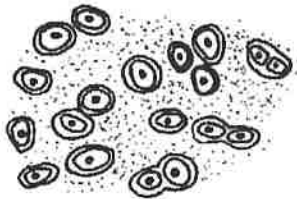


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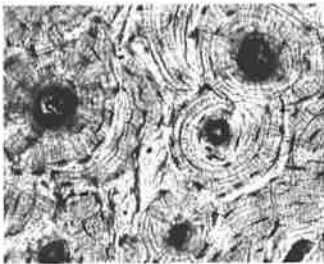
## Connective Tissues Worksheet

Circle or underline the correct answer(s):

1. Which of the following are NOT found in connective tissue?: cells / fibers / minerals / cilia / fluid matrix / goblet cells /
2. The tissue illustrated below is: elastic cartilage / blood / squamous epithelium / hyaline cartilage / fibrocartilage / dense regular / loose adipose / transitional epithelium / bone /



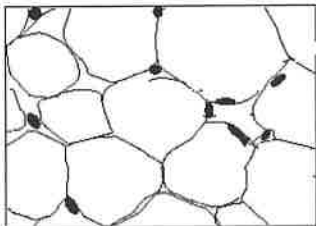
3. The tissue illustrated below is: elastic cartilage / blood / squamous epithelium / hyaline cartilage / fibrocartilage / dense regular / loose adipose / transitional epithelium / bone /



4. The tissue illustrated below is: elastic cartilage / blood / squamous epithelium / hyaline cartilage / fibrocartilage / dense regular / loose adipose / transitional epithelium / bone /



5. The tissue illustrated below is: elastic cartilage / blood / squamous epithelium / hyaline cartilage / fibrocartilage / dense regular / loose adipose / transitional epithelium / bone /



6. The term for all the material that fills the spaces between the cells of connective tissues is: intracellular matrix / extracellular matrix / cellular filler / fibroblast / osteon /
7. Which of the connective tissue types is a part of tendons and ligaments? bone / hyaline cartilage / blood / dense irregular fibrous / areolar / blood / dense regular fibrous
8. A tough, extremely strong fibrous protein which gives dense connective tissue strength is: elastin / osteon / collagen / reticular /
9. The only one connective tissue where the cells are packed tightly together, so it has very little extracellular matrix is: areolar / adipose / hyaline cartilage / bone / blood / dense fibrous /

10. The connective tissue that has a liquid matrix is: bone / areolar / blood / adipose / dense fibrous / fibrocartilage /
11. The tissue in which cells are located within chambers called lacunae: osteocytes / blood cells / adipocytes / chondrocytes / fibroblasts /
12. The least flexible cartilage is: elastic cartilage / hyaline cartilage / fibrocartilage /
13. Tissue that covers the ends of bones is: areolar / adipose / hyaline cartilage / elastic cartilage / transitional /
14. The tissue that stores lipids is: areolar / adipose / hyaline cartilage / blood / dense fibrous /
15. The tissue that absorbs shock between the vertebrae is: bone / hyaline cartilage / fibrocartilage / elastic cartilage / dense fibrous /
16. Which of the following is NOT the characteristic of connective tissues:
- abundant extracellular matrix
  - no blood vessels
  - can reproduce
  - contains fibers

17. Complete the chart:

Tissue	Name of Cells	Description of Extracellular matrix
Areolar loose fibrous		
Adipose loose fibrous		
Dense fibrous		
Hyaline cartilage		
Elastic cartilage		
Fibrocartilage		
Bone		
Blood		

18. What feature distinguishes adipose tissue from other connective tissues?
19. Explain why injured bone heals more rapidly than injured cartilage?
20. Collagen and elastin are added to many skin care products. What type of tissue are they normally part of, and where?
21. Identify the type of tissue in each of the following slides:

