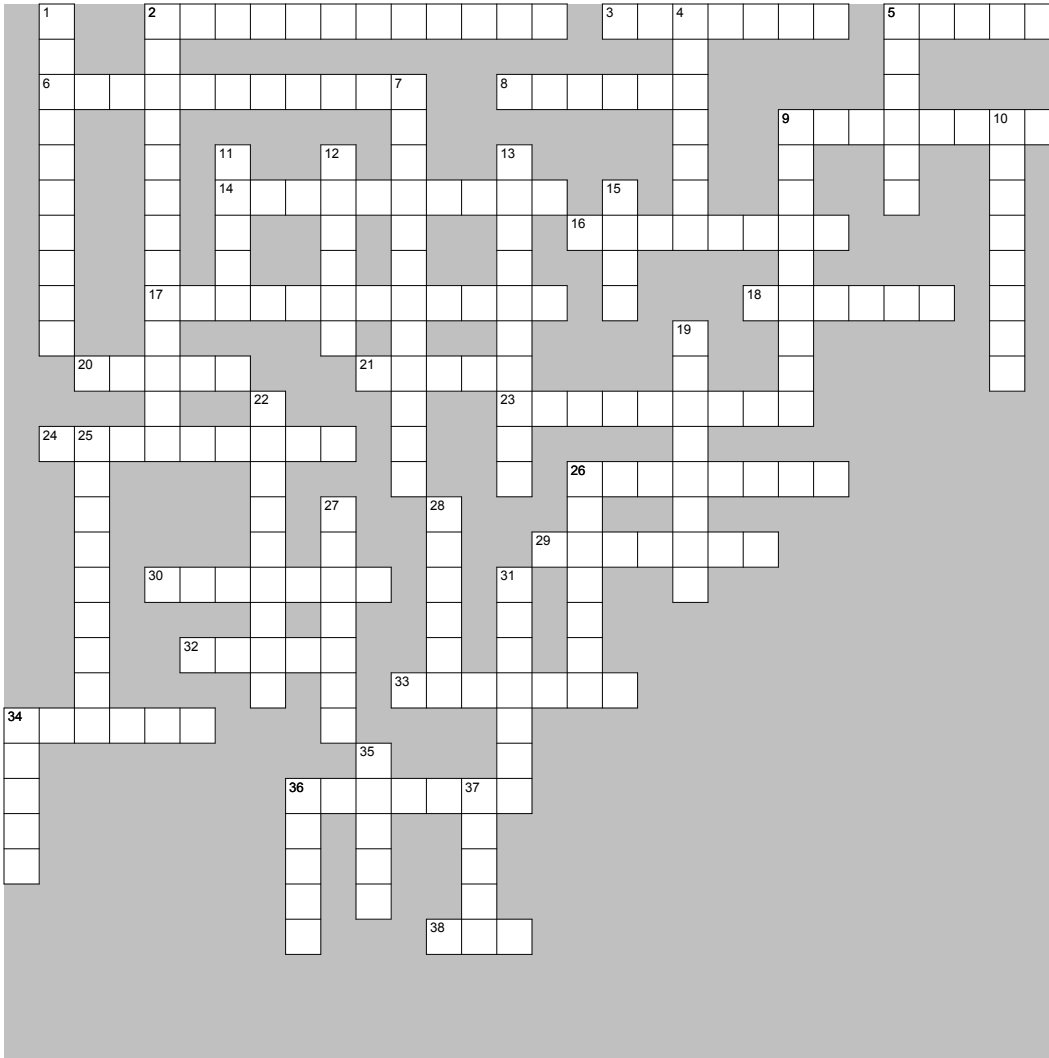


Biology Ch 36 - Muscle, Bone, Skin



Across

2. This skeleton includes the bones of the arms and legs, as well as the pelvis.
3. This bone is in the upper arm.
5. The oily secretion from sebaceous glands is called ????.
6. These create bone.
8. In myofibrils, the thick filaments are composed of a protein called ????.
9. Cells in the joints produce this lubricating fluid.
14. These are cells that maintain bone tissue.
16. These muscles are attached to bones. cardiac
17. Cartilage is replaced by bone in this process.
18. There are two types of marrow; red and ????.
20. This skeleton supports the central axis of the body.
21. The prefix "cardio-" comes from a Greek word for ????.
23. This is the top layer of the skin.
24. These canals are tubes that contain blood vessels and nerves.
26. Skeletal muscle is also called ???? muscle.
29. This salt is the main mineral reserve stored by bones.
30. This bone is better known as the knee cap.
32. In myofibrils, the thin filaments are composed of a protein called ????.
33. This type of muscle is found only in the heart.
34. There are three types of joints, immovable, slightly movable, and ???? movable.
36. When the biceps contract, the ???? must relax.
38. The energy for muscular contraction is supplied by ????.

Down

1. Muscle fibers are composed of smaller structures called ????.
2. This neurotransmitter causes the release of calcium ions which produce muscular contraction.
4. One function of the bones to store ???? reserves.
5. The stomach has this type of muscle.
7. This layer of skin contains alot of fat.
9. This gland secretes oil.
10. This is an inflammation of the joint.
11. There are 206 of these in the human skeleton.
12. This layer of skin is under the epidermis.
13. Bone is surrounded by a tough layer of connective tissue called ????.
15. The integumentary system concerns your ????.
19. An inflammation of the bursa is called ????.
22. ???? hold bones together.
25. The contraction of a single muscle fiber is an ???? process.
26. This bone is also called the shoulder blade.
27. Melanocytes produce this chemical.
28. This bone is in the lower leg.
31. Muscles are joined to bones by tough connective tissue called ????.
34. This bone is in the upper leg.
35. This bone is also known as the shin bone.
36. You have the ability to grasp objects because of your opposable ????.
37. An example of the ???? joint is where the Humerus, radius, and the ulna meet.

BONUS QUESTION: What type of radiation causes sunburns?