

Fill in the word or number that best completes each statement.

31. One of the small bones that make up the vertebral column is called a(an) _____.
32. Because skeletal muscles move only when you want them to, they are called _____ muscles.
33. The soft material found inside a bone is called the _____.
34. The flexible connective tissue that supports the nose and ears is _____.
35. _____ marrow produces blood cells.
36. Bones are hard because they contain chemical substances called _____.
37. Skeletal muscle is banded, or _____.
38. The tissue that lines cavities is _____ tissues.
39. Two minerals stored in bones are calcium and _____.
40. A type of connective tissue that connects skeletal muscle to bone is called a(an) _____.
41. The muscular system enables the body to _____.
42. The _____ system carries food and oxygen through the body.
43. _____ muscle is the type of muscle found only in the heart.
44. Muscles always work in _____.
45. A(An) _____ is a place where two bones meet.
46. The simplest level of organization in an organism is a(an) _____.
47. The main function of the skeletal system is to support and _____ the body.
48. The type of marrow that contains fat and blood vessels is called _____ marrow.
49. Connective tissues called _____ attach bones to bones.
50. The _____ system carries messages through the body.

D. True or False

Determine whether each statement is true or false.

- _____ 63. Smooth muscles react and tire slowly.
- _____ 64. Nerve tissues carry messages through the body.
- _____ 65. Tendons connect bones to other bones.
- _____ 66. Muscles work independently of one another.
- _____ 67. Bone is a permanent, unchanging tissue.
- _____ 68. Epithelial tissue has the ability to contract.
- _____ 69. Bone is made up of only nonliving material.
- _____ 70. Cardiac muscle is involuntary.
- _____ 71. Muscles do work by pushing and pulling on bones.
- _____ 72. The circulatory system removes solid and liquid wastes from the body.

E. Critical Thinking and Application

Discuss each of the following in a brief paragraph.

- 73. Explain how the triceps and biceps work together to bend and straighten the arm.

- 74. Describe the three types of muscle tissue.
