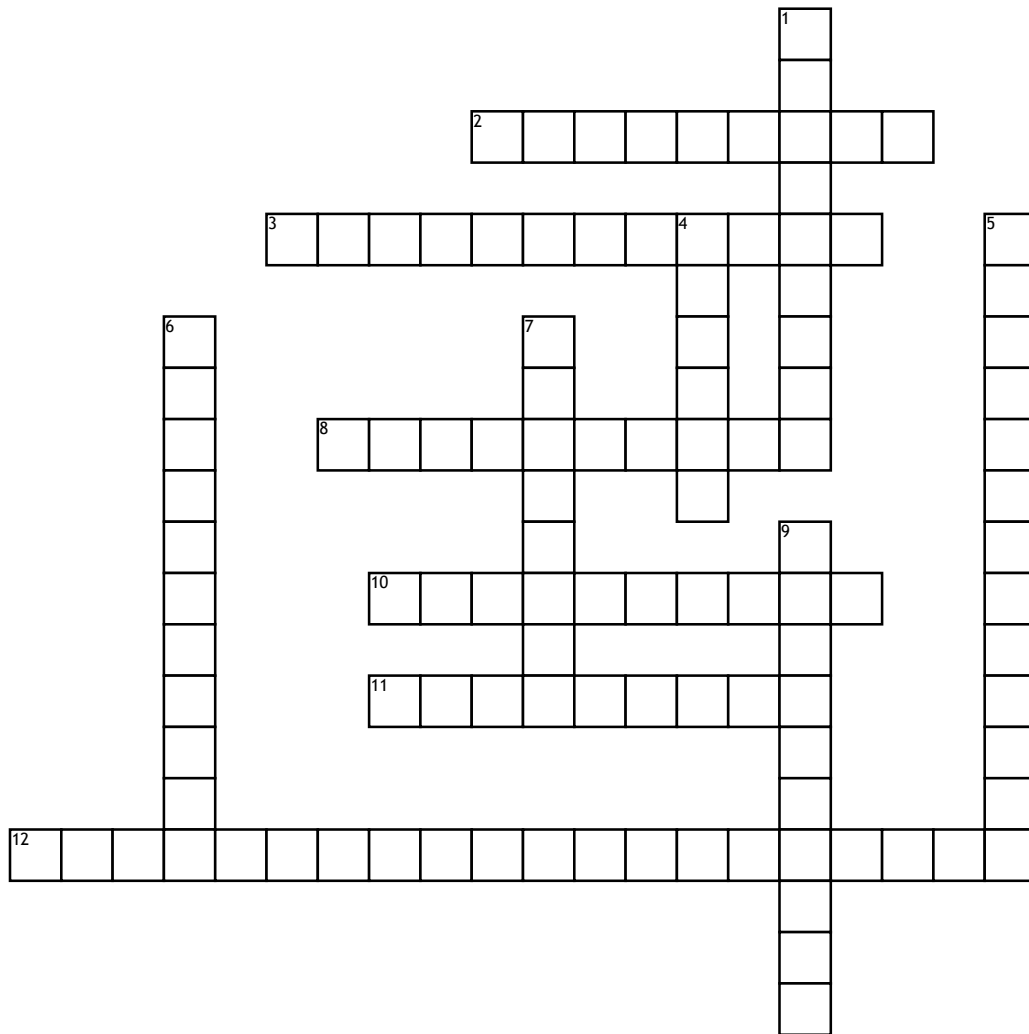


Name: _____

Date: _____

The Skeletal and Muscle Systems



Across

2. an elongated thread that plays a role in the contraction of muscle fibers
3. the formation of bone
8. inner-bone tissue that has many cavities
10. a cell that breaks down bone

11. firm and flexible connective tissue that provides cushioning and support for body structures
12. the part of the skeleton that consists of shoulders, arms, hips, and legs

Down

1. the functional unit that contracts in skeletal muscle

4. tissue that connects muscle to bone
5. the part of the skeleton that consists of the skull, vertebrae, and ribs
6. a type of bone tissue that is hard and rigid
7. tissue that attaches bone to bone
9. a cell that synthesizes bone

Word Bank

sarcomere
appendicular skeleton
spongy bone
compact bone

axial skeleton
ligament
osteoblast
tendon

ossification
myofibril
osteoclast
cartilage