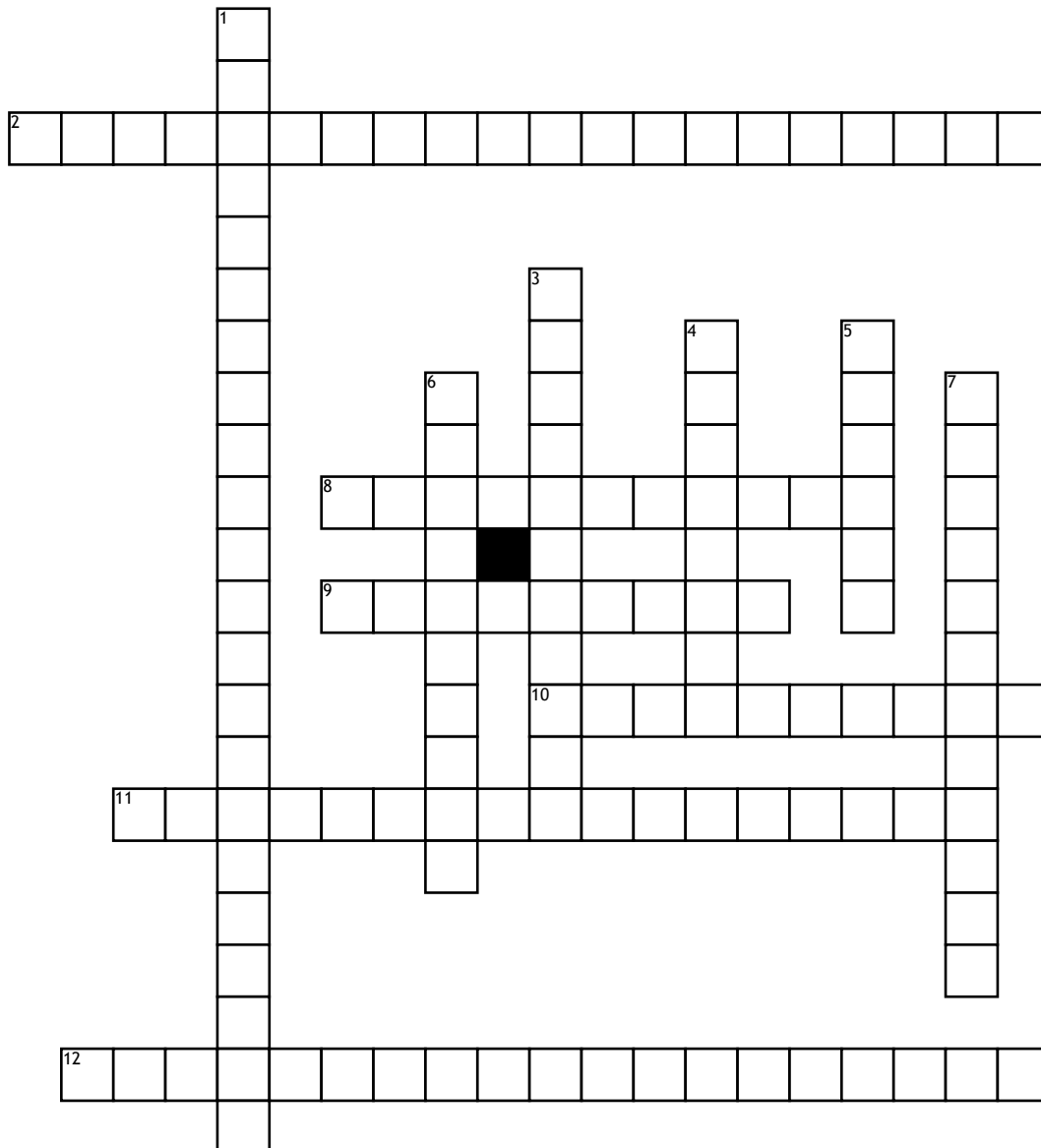


Name: _____

Date: _____

Muscle Tissue



Across

2. Tension Increases but muscle does not change its length

8. Cells that break down bone

9. Oxygen-binding protein found in skeletal muscle fibres

10. Plasma membrane of a muscle cell

11. A tunnel in from the surface toward the centre of each muscle fibre; is filled with interstitial fluid

12. Tension remains almost constant while the muscle changes its length

Down

1. A property of muscle tissue that involves the ability to respond to certain stimuli by producing electrical signals

3. Bone-Building Cells

4. Vitamin needed for the synthesis of collagen

5. A protein which achieves movement by converting the chemical energy in ATP into mechanical energy; push/pull structure

6. Mature bone cells

7. Type of muscle tissue located in the walls of hollow internal organs