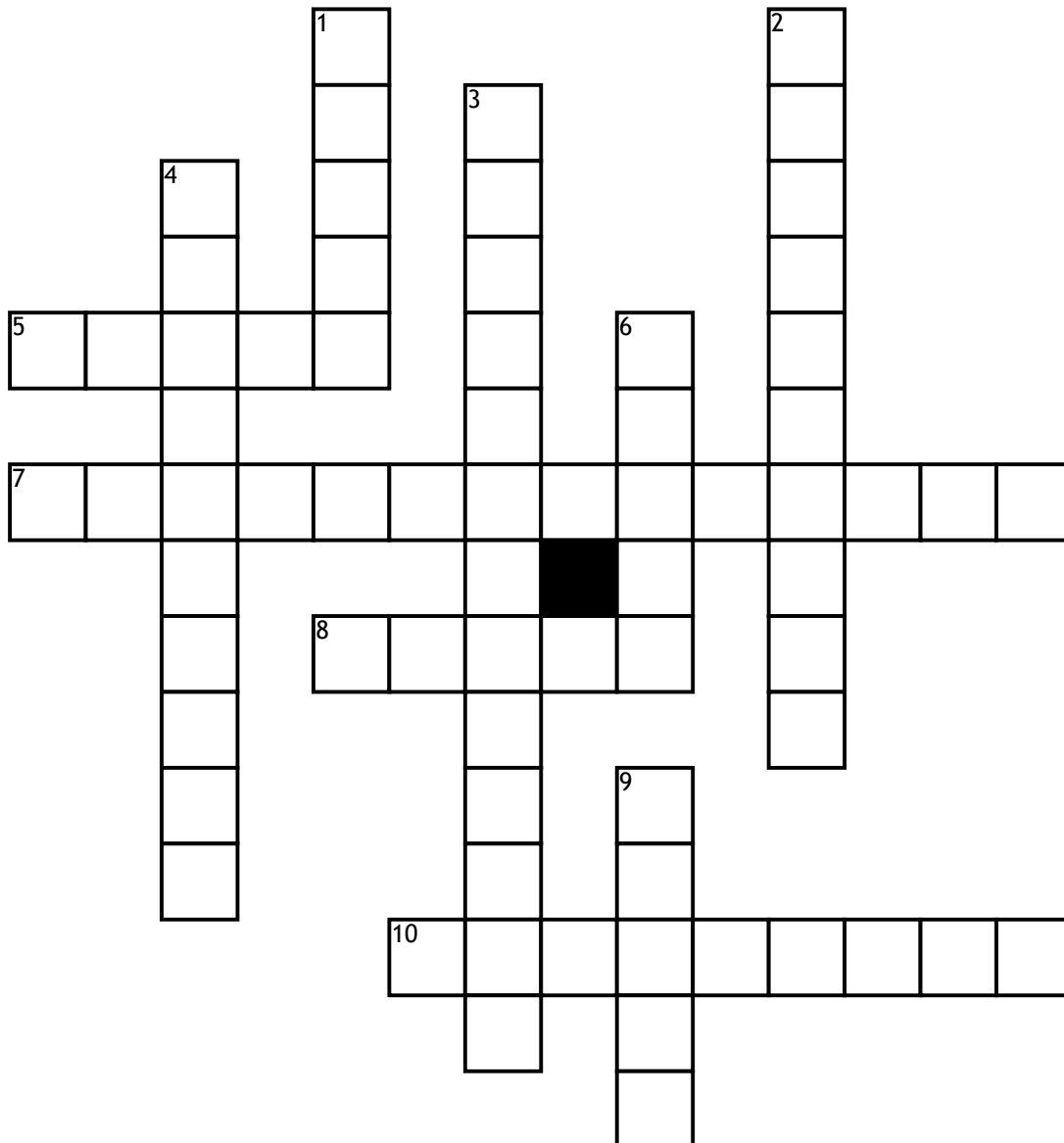


Skeletal muscle fibers



Across

- 5. What zone is the center of A band and is composed of thick myosin filaments?
- 7. What is composed of myosin protein and heads from cross-bridges?
- 8. What band is light and composed of thin actin filaments?
- 10. What pattern is made by the arrangement of myofilaments in myofibrils?

Down

- 1. What line anchors filaments in place; it is the sarcomere boundary; and the center of I band?

- 2. What skeletal muscle fibers contain these structures: I & A Bands, H zone, Z line, and M line?
- 3. What is composed of actin protein; associated with troponin and tropomyosin, which prevent cross-bridge formation when muscle is not contracting?
- 4. What skeletal muscle fiber consist of sarcomeres connected end-to-end?
- 6. What band is dark and composed of thick myosin filaments with portions overlapped with thin actin filaments?
- 9. What line anchors thick filaments and is the center of A band?