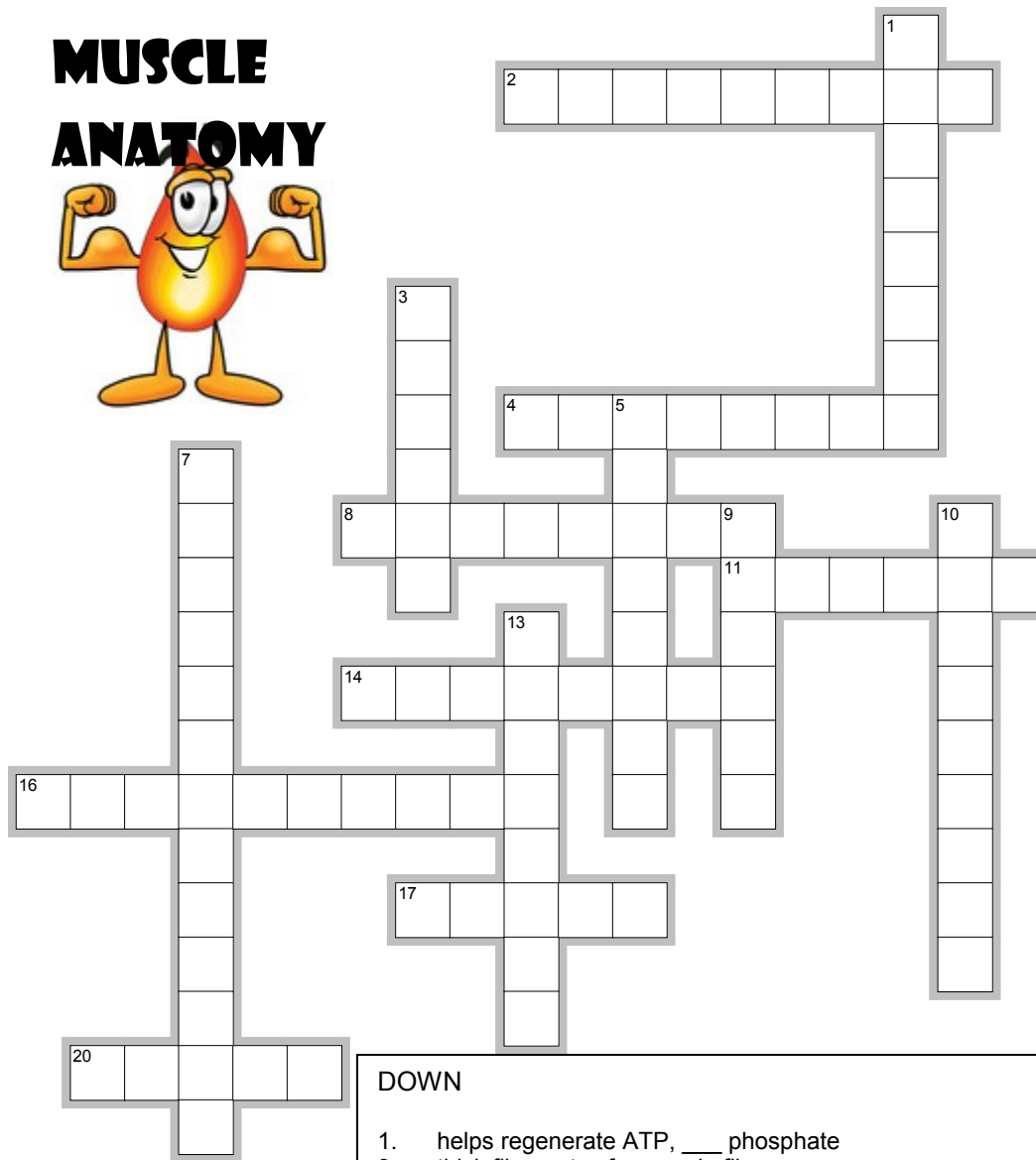
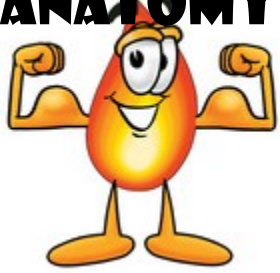


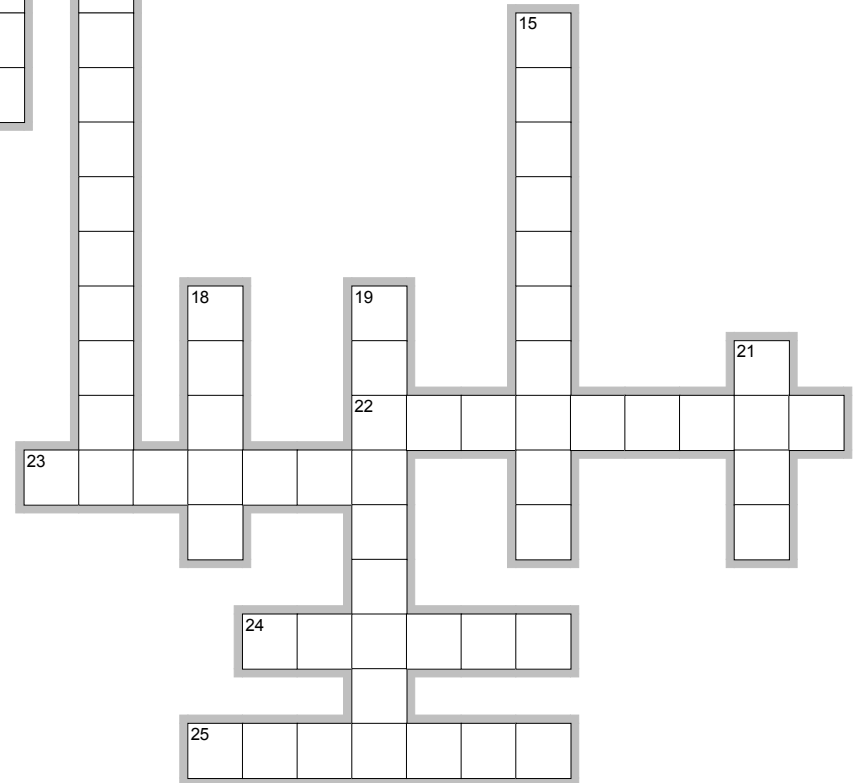
MUSCLE ANATOMY



Name _____

ACROSS

2. section of a myofibril from one Z line to the next Z line
4. bundle of muscle fibers
8. theory that explains how muscle contraction works; sliding ___ theory
11. Outermost layer, surrounds entire muscle
14. describes muscles that are striped in appearance
16. muscle fiber membrane
17. space between a neuron and the muscle, synaptic ____
20. overlapping patterns of actin and myosin; I and A ____
22. membranous channels that surround the myofibrils; sarcoplasmic ____
23. when muscles become tired
24. type of muscle found in the digestive tract, involuntary
25. type of muscle that makes up the heart



DOWN

1. helps regenerate ATP, ___ phosphate
3. thick filaments of a muscle fiber
5. type of muscle that connects to bones, voluntary
6. store neurotransmitters
7. neurotransmitter used to cause muscle contraction
9. connects muscles to bones
10. individual muscle fiber
12. organelle that provides the energy needed for muscle contraction
13. connects bones to other bones
15. surrounds fascicles
18. thin filaments of a muscle fiber
19. minimal level of stimulus to cause a contraction
21. this superhero has huge muscles when he's angry; David Banner