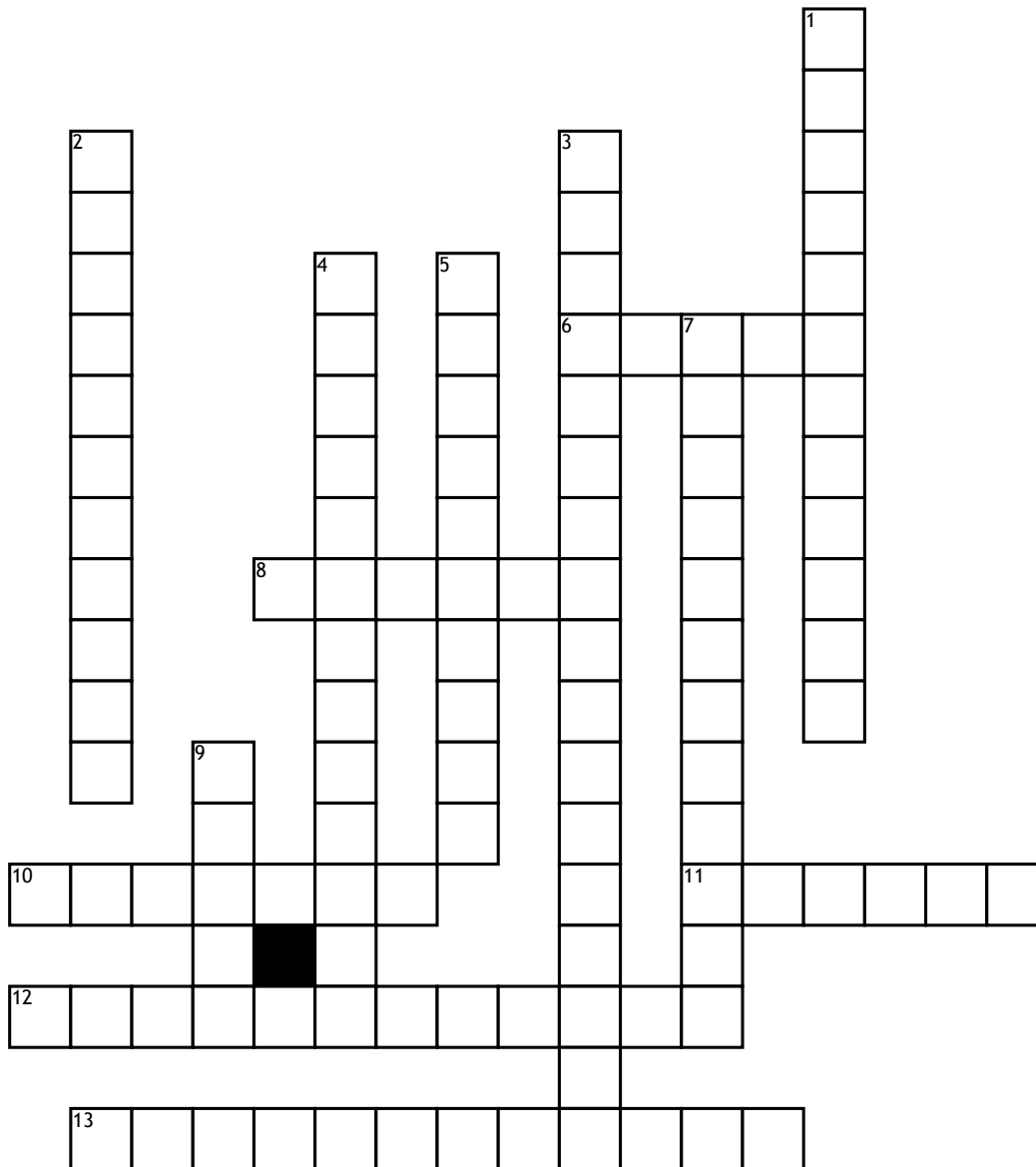


Name: _____

Date: _____

Biomechanics Recap



Across

6. Sir _____ Newton.
 8. Newton proposed three laws of _____.
 10. A golfball sitting stationary on a tee is an example of which of Newton's 3 laws of motion?
 11. Biomechanics is able to assist in _____ prevention through eliminating poor technique.
 12. Newton's second law of motion states that 'force equals mass times _____.
 13. 'The study of the mechanical laws relating to the movement or structure of living organisms'.

Down

1. Computer/iPad, computer software, GPS, pressure sensors, tripod, resistance pools and wind tunnels may all be used by a _____.
 2. Biomechanics is able to assist in improved _____ by developing the efficient technique.
 3. A swimming pushing their feet off the wall is an example of which of Newton's 3 laws of motion?

4. Newton's third law of motion states that 'for every action there is an _____ and _____ reaction'.
 5. Application of force, leverage, motion and transference of momentum are all biomechanical _____.
 7. Striking a baseball with a baseball bat is an example of which of Newton's 3 laws of motion?
 9. Newton's first law of motion states that 'an object will remain at rest or in it's current state of motion unless acted upon by an unbalanced _____'.