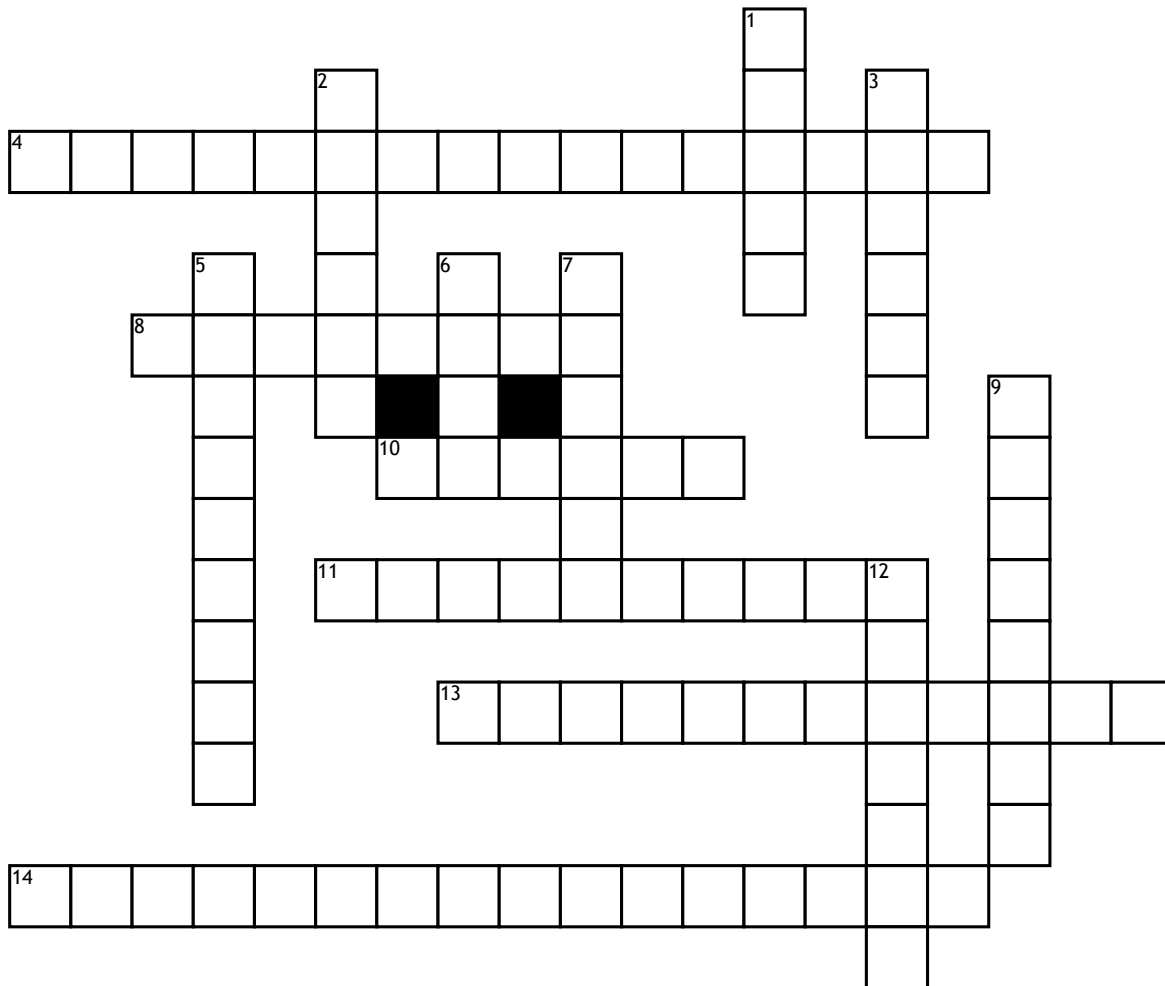


Name: _____

Date: _____

Mechanics



Across

4. Everything viewed from the point of reference
 8. Speed, plus direction
 10. A quantity that requires two pieces of information
 11. The study of how things move
 13. Change in speed

14. The stationary location from which we are making our observation

Down

1. Rate of motion
 2. A system changing position during an interval of time
 3. A quantity that requires only one piece of information

5. The study of motion
 6. A nonphysical continuum that orders the sequence of events and phenomena
 7. The thing that is being studied
 9. The study of what causes things to move
 12. How stationary things react to pushes and pulls