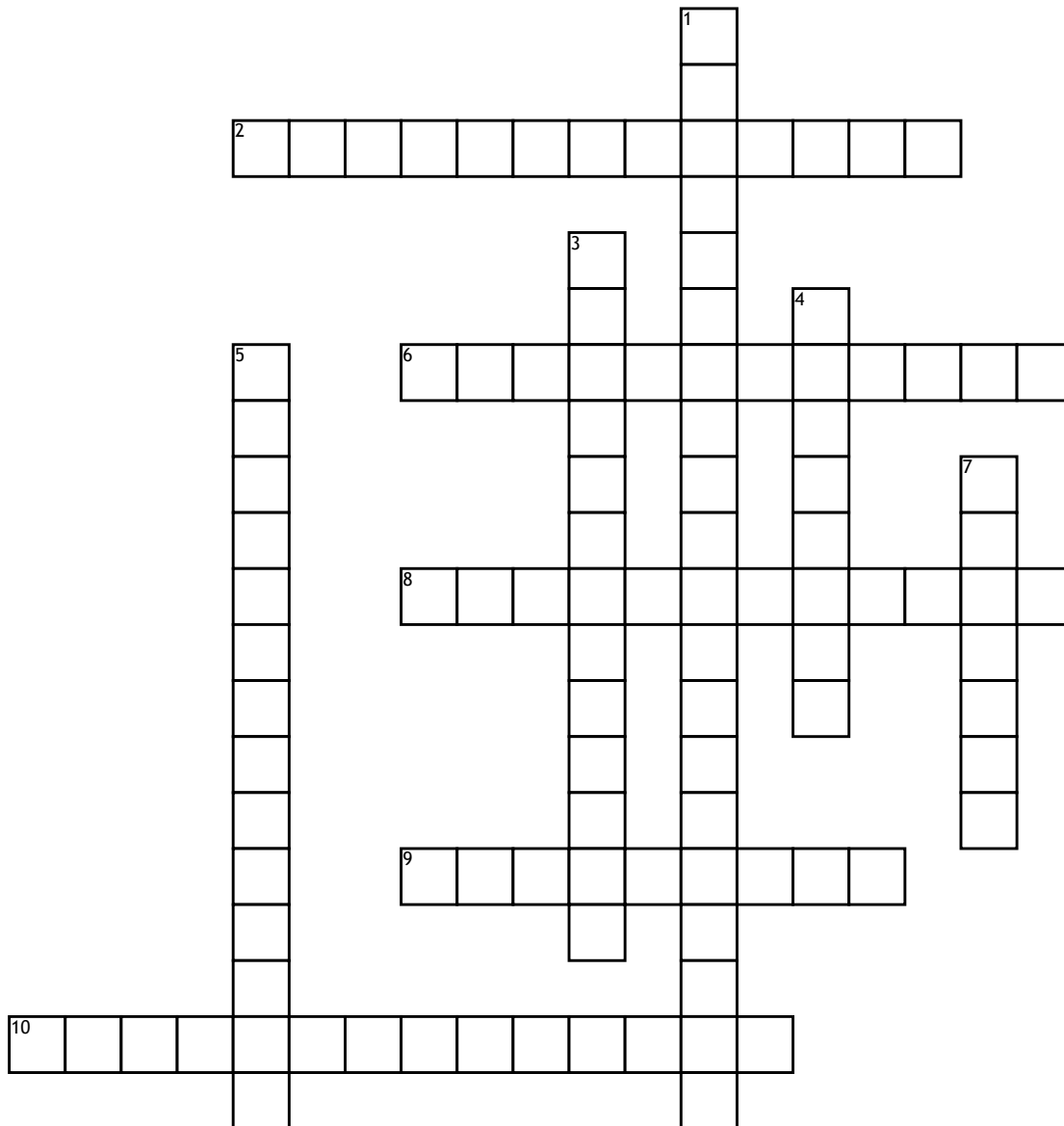


Name: _____

Date: _____

Cardiovascular Challenge



Across

2. mechanism where stroke volume increase in response to an increase in the volume of blood filling the heart
6. Volume of blood pumping during 1 heart beat
8. increase flow = increase filling
9. number of times the heart beats in 1 minute
10. Located in the right atrium, initiates heartbeat

Down

1. located in the interventricular septum of the heart, transmits cardiac impulses
3. pressure exerted by blood against blood vessel walls
4. Provides strength in arteries
5. driving pressure \times Radius 4 / viscosity \times length of vessel
7. Enables vessel to buffer fluctuating increases & decreases in its velocity of blood flow