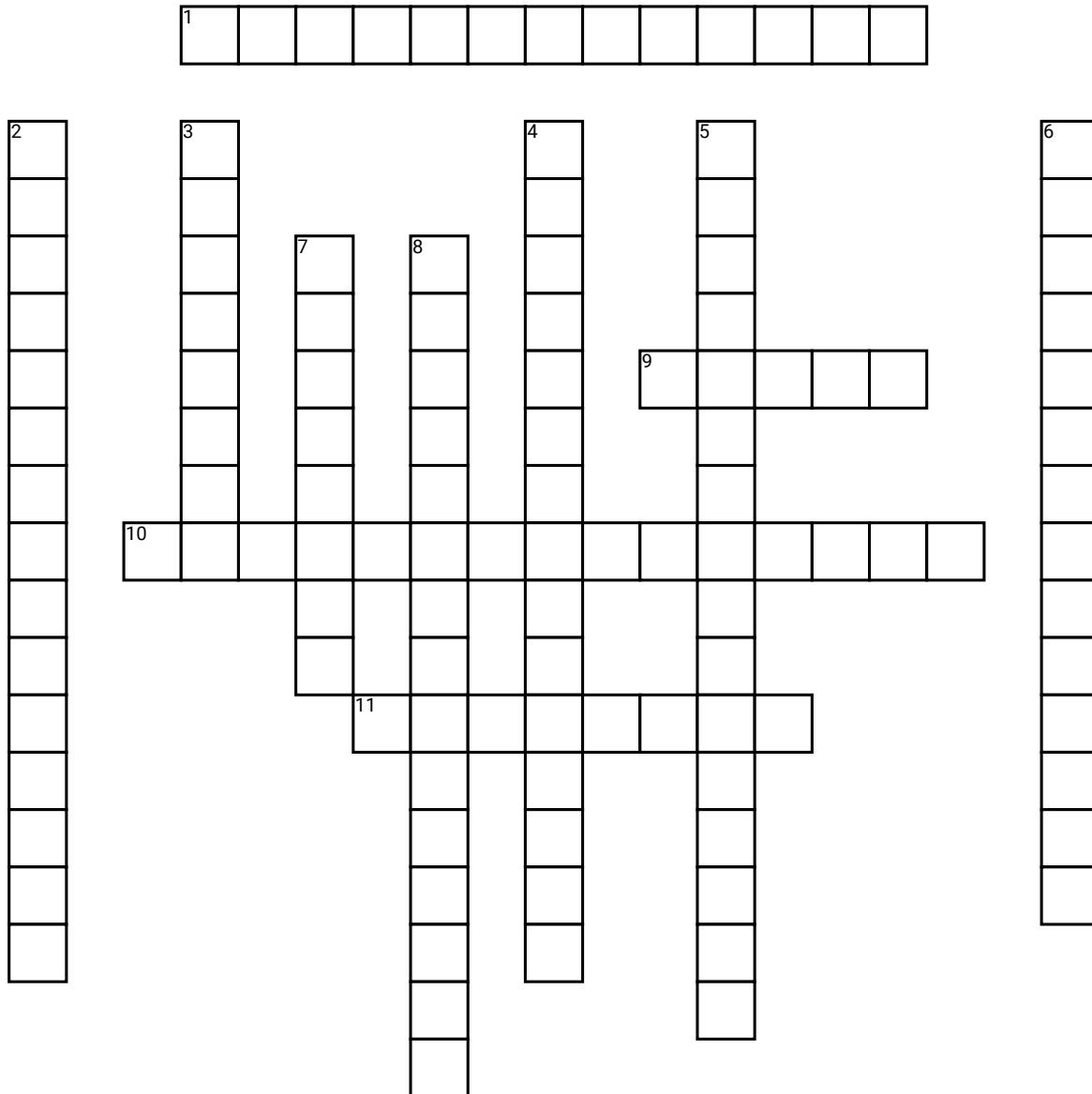


Name: _____

Date: _____

Unit #3



Across

1. the forces that opposes motion through a fluid (liquid or gas)

9. Is a push or pull that changes the speed or direction of an object.

10. states that an object moving at a constant velocity and direction keeps moving at that velocity and direction unless a net force acts on it.

11. a force that opposes the motion of object that touch as they move past each other.

Down

2. states the whenever one object exerts a force on a second object, the second one exerts a force on the first that is equal in size and opposite in direction,

3. the total force acting on an object after all forces have been added or subtracted

4. a force that opposes the motion of object as they slide past one another

5. states that the object will move right with a net force if 1 newton

6. the friction force that acts to prevent objects that are touching from sliding past one another

7. product of an object's mass and velocity

8. friction forces that acts on a rolling object and the surface on which it is rolling on