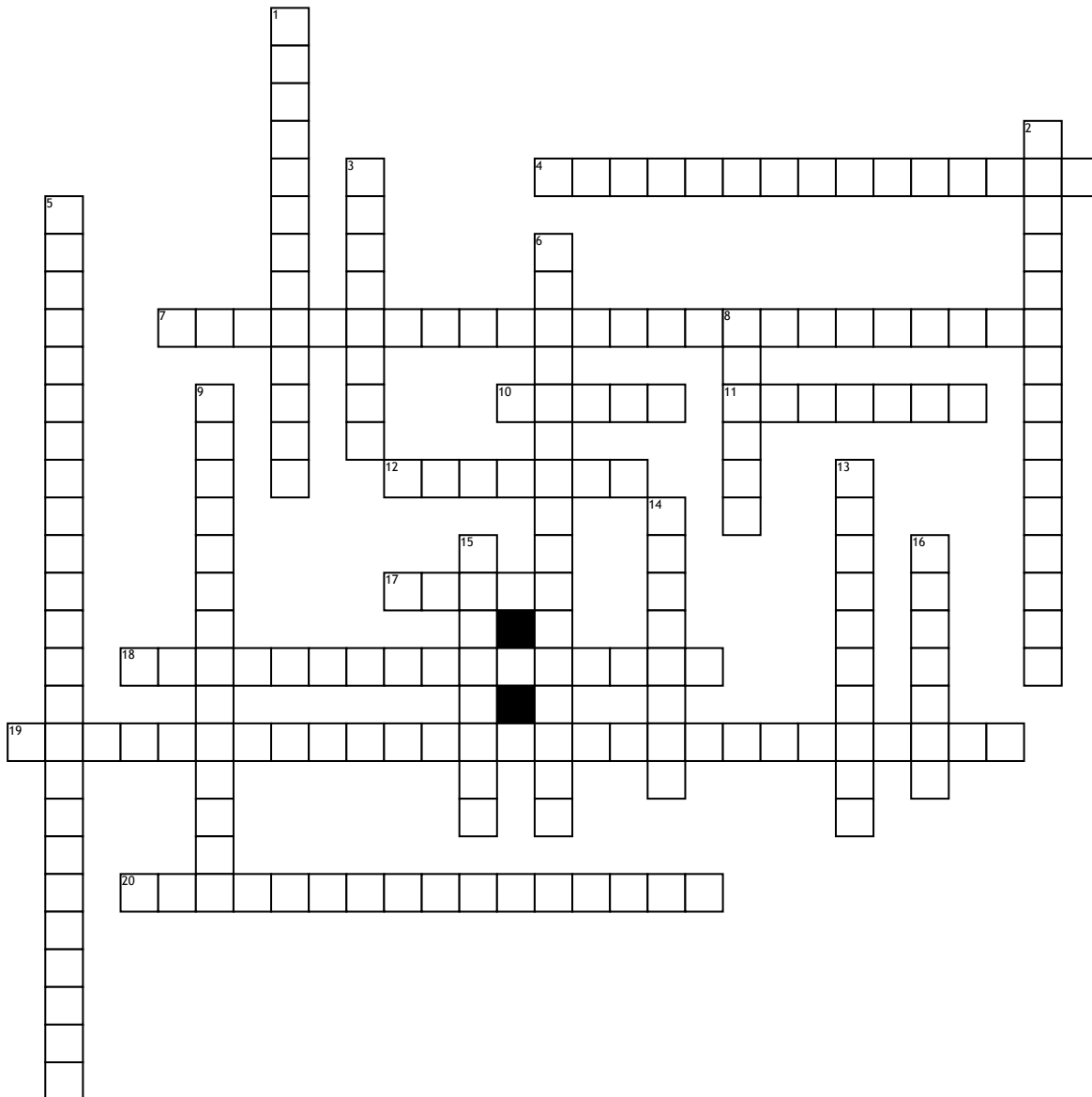


Name: _____

Date: _____

Chapter 3



Across

4. What type of friction slides
 7. An object moves at a constant velocity unless acted upon by an unbalanced force
 10. A region of space that has a physical quantity at every point
 11. Tendency in an object to resist any change in its motion
 12. When you're in a car accident what happens
 17. Push or pull
 18. Maximum speed an object will reach when falling through a substance such as air

19. Total momentum does not change

20. Force excepted toward the center of a curved path is what?

Down

1. Friction-like force that opposes the motion of objects that move through the air
 2. What type of friction is with wheels
 3. A moving object that equals its mass times its velocity
 5. When one object exerts a force on a second object

6. What is the maximum speed an object will reach when falling through air

8. Force excepted on an object

9. Things rubbing together

13. When you're in space

14. Force that opposes the sliding motion of two surfaces that are touching

15. If gravity is the only force acting on it

16. Attractive force between any two objects