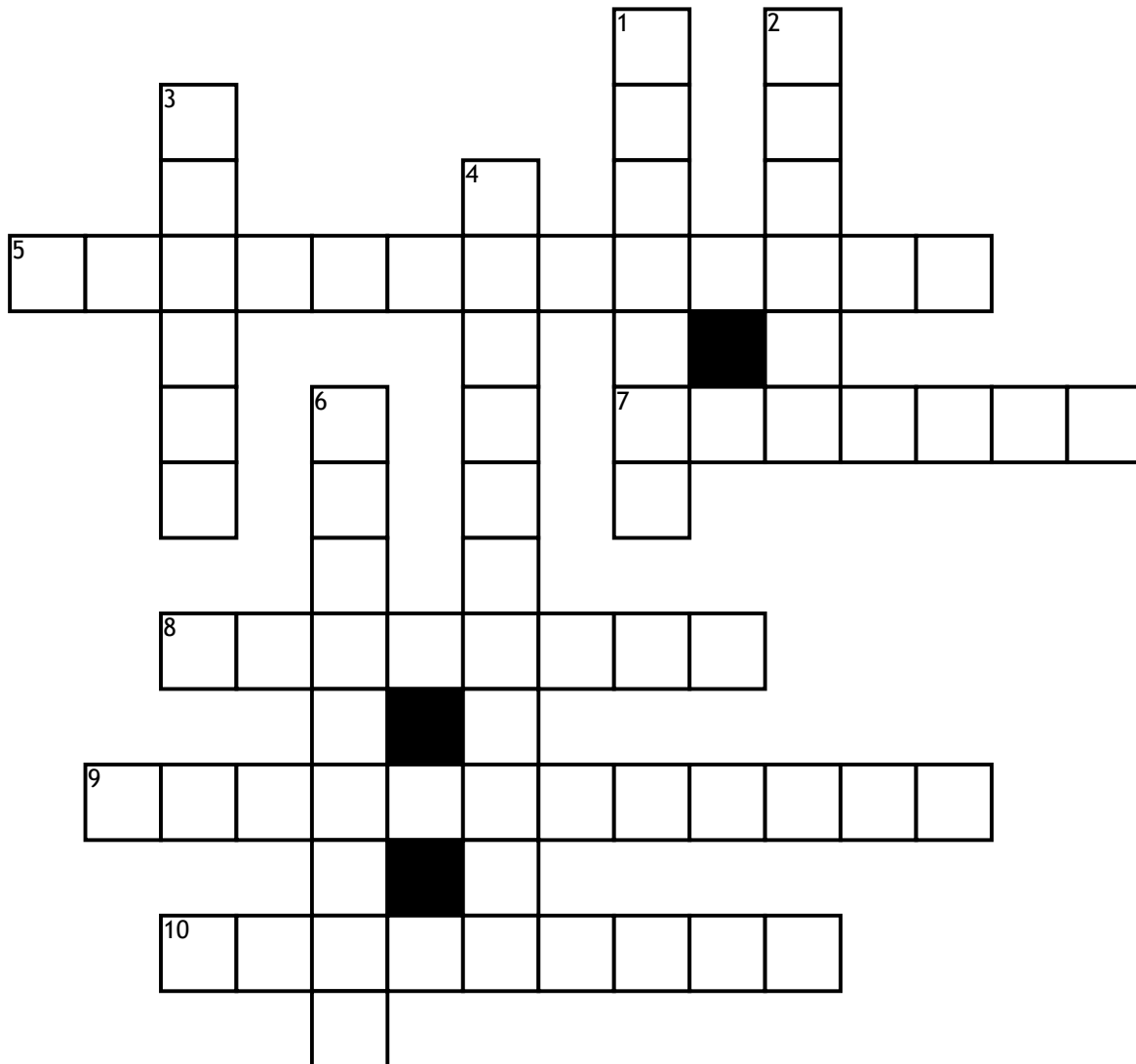


Name: _____

Date: _____

Chapter 7: Matter and materials



Across

5. The gradient of the straight section of the force-extension graph
7. If an object stretched by two forces, we say that forces are,
8. The normal force acting per unit cross-section area.
9. The force beyond which the spring becomes permanently deformed is known as the ____
10. the materials which the extension produced in it is proportional to the applied force (load) obey ____

Down

1. Mass per unit volume
2. The fractional increase in the original length of a wire (extension per original length) is called as ____
3. The force applied per unit cross-sectional area of the wire
4. If an object is being squashed and shortened by two forces, we say that forces are,
6. Increased length of a spring with a suspended load is called as ____