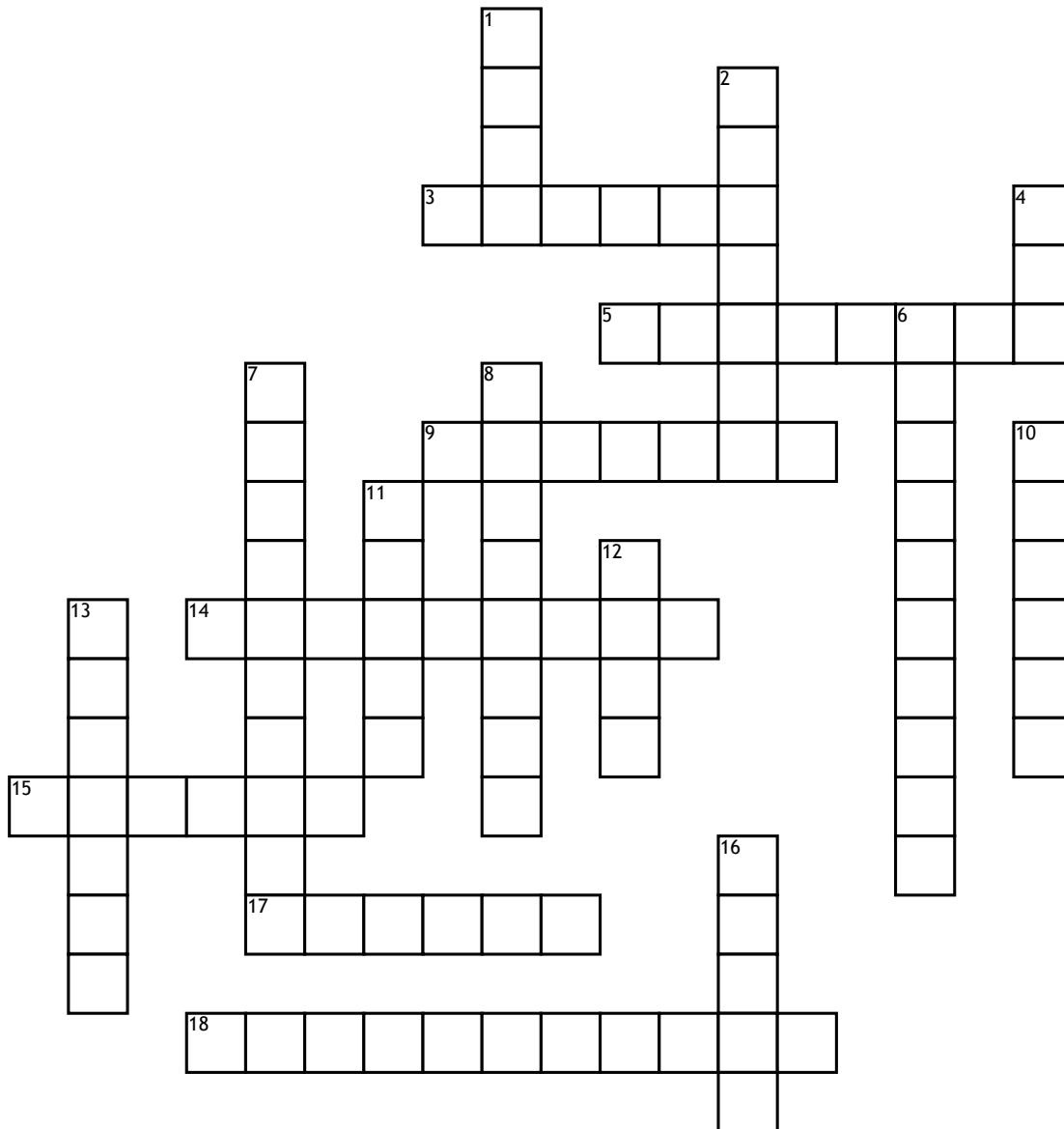


Name: _____

Date: _____

Forces



Across

3. _____ is the measure of the force of gravity exerted on an object
5. _____ are used in moving parts of machines to prevent parts from wearing out
9. _____ and magnetism are non-contact forces
14. Forces can change the _____ of a moving object
15. Forces can start or stop a _____ object
17. Rough surfaces increases friction while _____ reduces friction

18. _____ shape of an aircraft allows it to move easily through air

Down

1. Forces can change the _____ and shape of an object
2. Unlike poles _____ and like poles repel
4. SI unit of speed
6. Magnetism is a _____ force
7. Grease and oil are types of _____ added to moving parts of a bicycle to make movements easy

8. _____ always opposes the movement of an object
10. SI unit of forces
11. Friction between the brakes and _____ slows the bicycle down
12. The gravitational force of the _____ pulls on the water in the oceans, causing tides
13. SI unit of time is _____
16. Forces can change the _____ of a moving object