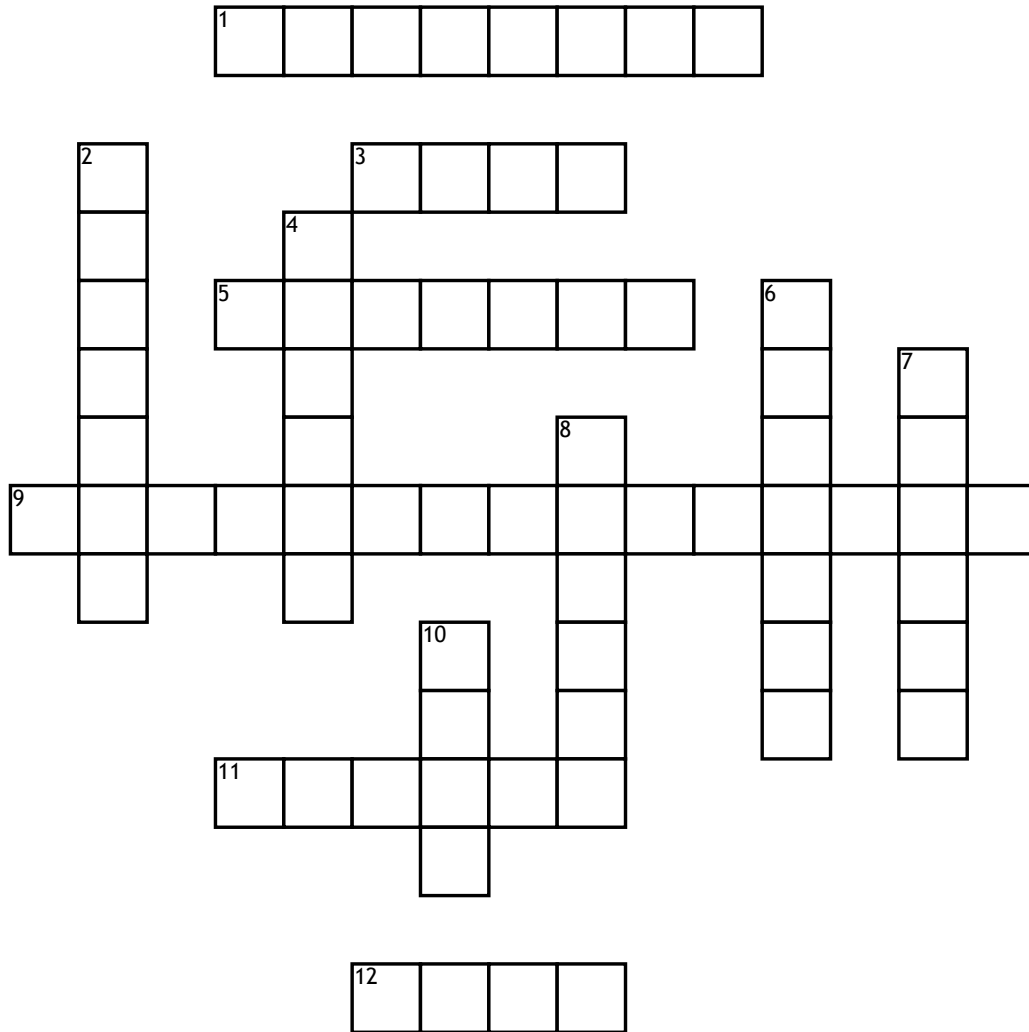


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Hang Time Terms



## Across

- 1. when the surfaces of two objects interact
- 3. when gas flows over a solid object that has a non uniform shape
- 5. the rocket's downward path
- 9. the system designed to slow the payload's return to the ground; the parachute

## 11. Rocket's upward path

- 12. aerodynamic friction; slows the rocket's movement through the air

## Down

- 2. the object carried by the rocket
- 4. the scientist who developed the three laws of motion

- 6. the force which attracts two objects with mass

- 7. the force which moves the rockets through the air

- 8. the force generated by gravity

- 10. the top of the rocket's path; it pauses momentarily

## Word Bank

- |          |         |         |                  |
|----------|---------|---------|------------------|
| lift     | payload | weight  | payload recovery |
| friction | thrust  | gravity | descent          |
| ascent   | Newton  | drag    | apex             |