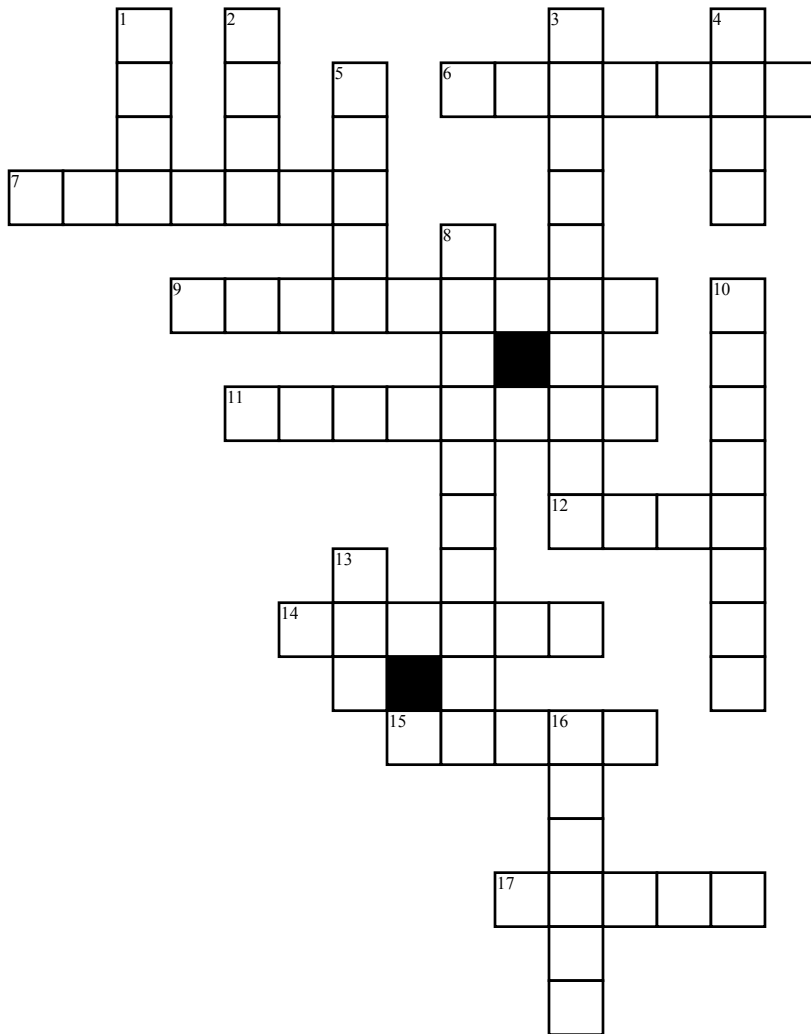


Force and Motion



Across

6. Energy of motion (moving energy) is _____

7. The higher up an object is the _____ the potential energy is.

9. Stored energy (not moving) is _____

11. _____ is how far something goes. (cm, mm, miles, inches)

12. On a graph an object that is slowing down would have a line going _____.

14. On a roller coaster the car that has the most kinetic energy would be the car at the _____

15. Distance divided by time = _____

17. Motion can be represented on a _____

Down

1. More mass would have _____ potential energy

2. On a graph if an object is stopped it will have a _____ line.

3. When an object is moving the force is _____.

4. _____ is how long it takes (seconds, minutes, hours)

5. A push or a pull is _____

8. A graph that shows a constant speed would have a line going _____

10. When an object is not moving the object is _____.

13. On a roller coaster the car with the most potential energy would be at the _____.

16. The faster an object is the more kinetic _____ and object has.

Word Bank

- | | | | | | |
|--------|-------------|------------|--------|---------|-----------|
| energy | top | Kinetic | Speed | time | distance |
| force | balanced | unbalanced | more | greater | potential |
| down | straight up | graph | bottom | flat | |