

NAME: _____

Force and Motion Crossword

Across

1. Change in position of one object compared to the position of another
4. Measure of force of attraction (due to gravity)
7. This law (number) states that force equals mass times acceleration
9. A push or a pull
10. Stationary point that is used for speed measurement
13. Tells how fast and in what direction an object is moving
14. This causes all objects to fall at different speeds
15. This law states that objects resist changes in motion
17. Stored energy, energy at rest



Down

2. Rate at which velocity is changing, includes direction
3. Energy of motion, energy used while an object is in motion
5. This type of motion is the type used in a tether ball game
6. How fast an object is moving/rate of change of the position of an object
8. Weight or volume of a fluid displaced by a floating body
9. Force between surfaces that resists the movement of one surface past another
11. Swimming is an example of this law
12. Force of attraction between two objects
16. Measure of matter in an object

