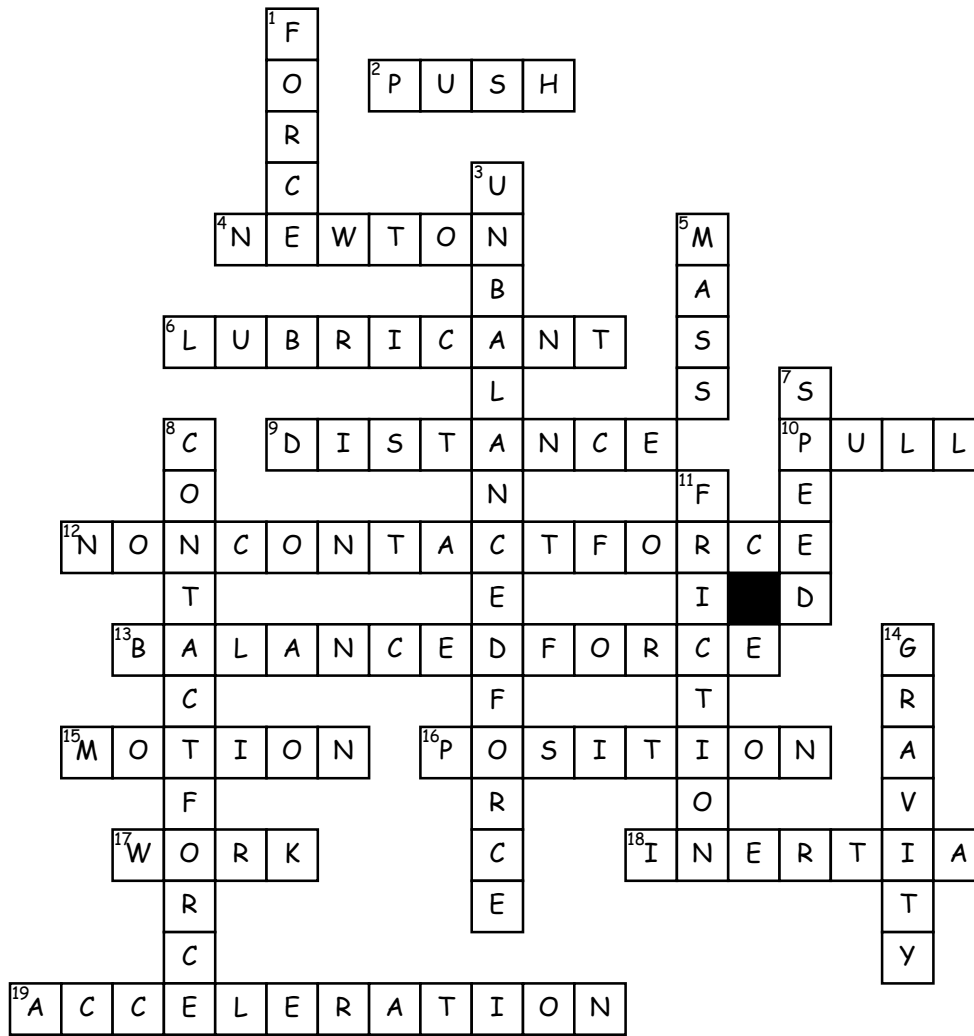


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Force and Motion Vocabulary Crossword Puzzle



## Across

2. When you force an object away from you
4. The amount of force needed to move an object
6. A substance that reduces friction
9. How far an object moves
10. When you force an object towards you
12. A force that does not touch the object (ex: gravity)
13. When two forces acting on an object are equal and opposite

15. When an object moves or changes location
16. The location of an object
17. When an object is moved from one place to another
18. An object in motion stays in motion or an object at rest stays at rest
19. A change in speed of an object in motion

## Down

1. A push or pull on an object
3. When two forces acting on an object have one force that is stronger

5. The amount of matter in an object
7. how far an object moves of a certain amount of time (Ex: MPH)
8. A force that physically touches the object
11. The surfaces of two objects rubbing together
14. A force that pulls an object to Earth

## Word Bank

Lubricant	Motion	Inertia	Unbalanced force
Newton	Pull	Distance	Position
Acceleration	Push	Speed	Gravity
Non-contact force	Balanced force	Work	Friction
Mass	Force	Contact force	