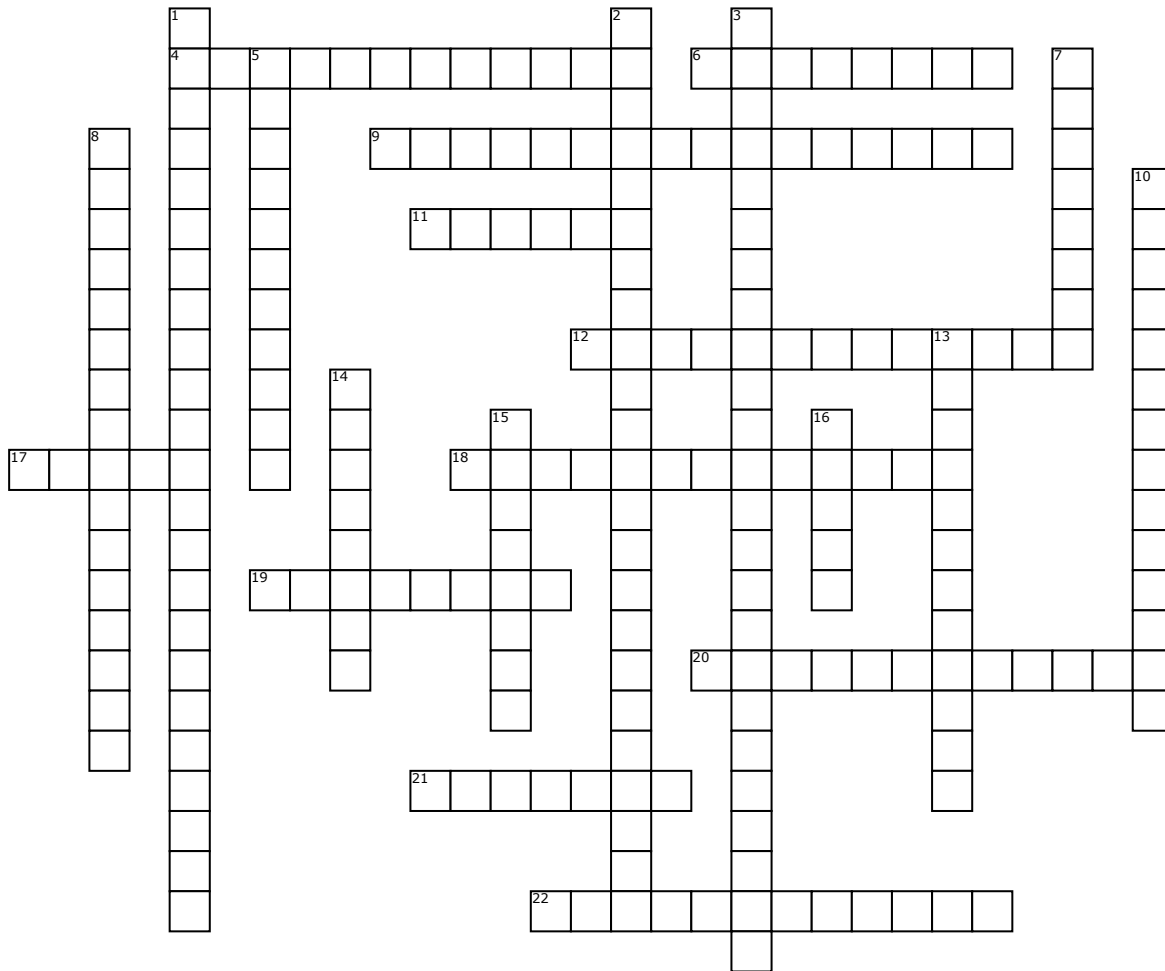


Name: _____ Date: _____ Period: _____

NEWTONS LAW



Across

4. THE ABILITY OF A MATERIAL TO RETURN TO ITS ORIGINAL SHAPE AFTER BEING STRETCHED OR COMPRESSED

6. SPEED AND DIRECTION

9. A FORCE THAT DOESN'T PHYSICALLY COME IN CONTACT

11. A CHANGE IN AN OBJECT POSITION COMPARED TO A FIXED OBJECT

12. A FORCE ACTING OPPOSITE TO THE RELATIVE MOTION OF AN OBJECT MOVING WITH RESPECT TO A SURROUNDING FLUID

17. THE RATE AT WHICH SOMEONE OR SOMETHING IS ABLE TO MOVE OR OPERATE

18. GROUND PUSHING ON YOU

19. THE RESISTANCE THAT ONE SURFACE OR OBJECT ENCOUNTERS WHEN MOVING OVER ANOTHER

20. A FORCE THAT COMES IN CONTACT WITH 2 OBJECTS

21. AN ATTRACTED FORCE THAT EXIST BETWEEN ALL OBJECTS THAT HAVE MASS

22. THE FORCE THAT IS TRANSMITTED THROUGH A STRING, ROPE, CABLE, WIRE WHEN IT IS PULLED TIGHT BY FORCES ACTING ON OPPOSITE ENDS

Down

1. STATES THAT "FOR EVERY ACTION, THERE IS AN EQUAL AND OPPOSITE REACTION"

2. LAW OF INERTIA

3. EXPRESSES THE RELATIONSHIP BETWEEN FORCE, MASS AND ACCELERATION

5. PUSHING ON GROUND

7. THE LENGTH BETWEEN TWO PLACES

8. FORCES THAT CAUSE A CHANGE IN MOTION OF AN OBJECT

10. TWO FORCES ACTING IN OPPOSITE DIRECTIONS ON A OBJECT

13. DEFINES AS THE CHANGE IN VELOCITY

14. AN OBJECTS LOCATION COMPARED TO OTHER THINGS

15. THE OVERALL FORCE ACTING ON AN OBJECT

16. A PUSH OR PULL THAT CAN MOVE AN OBJECT