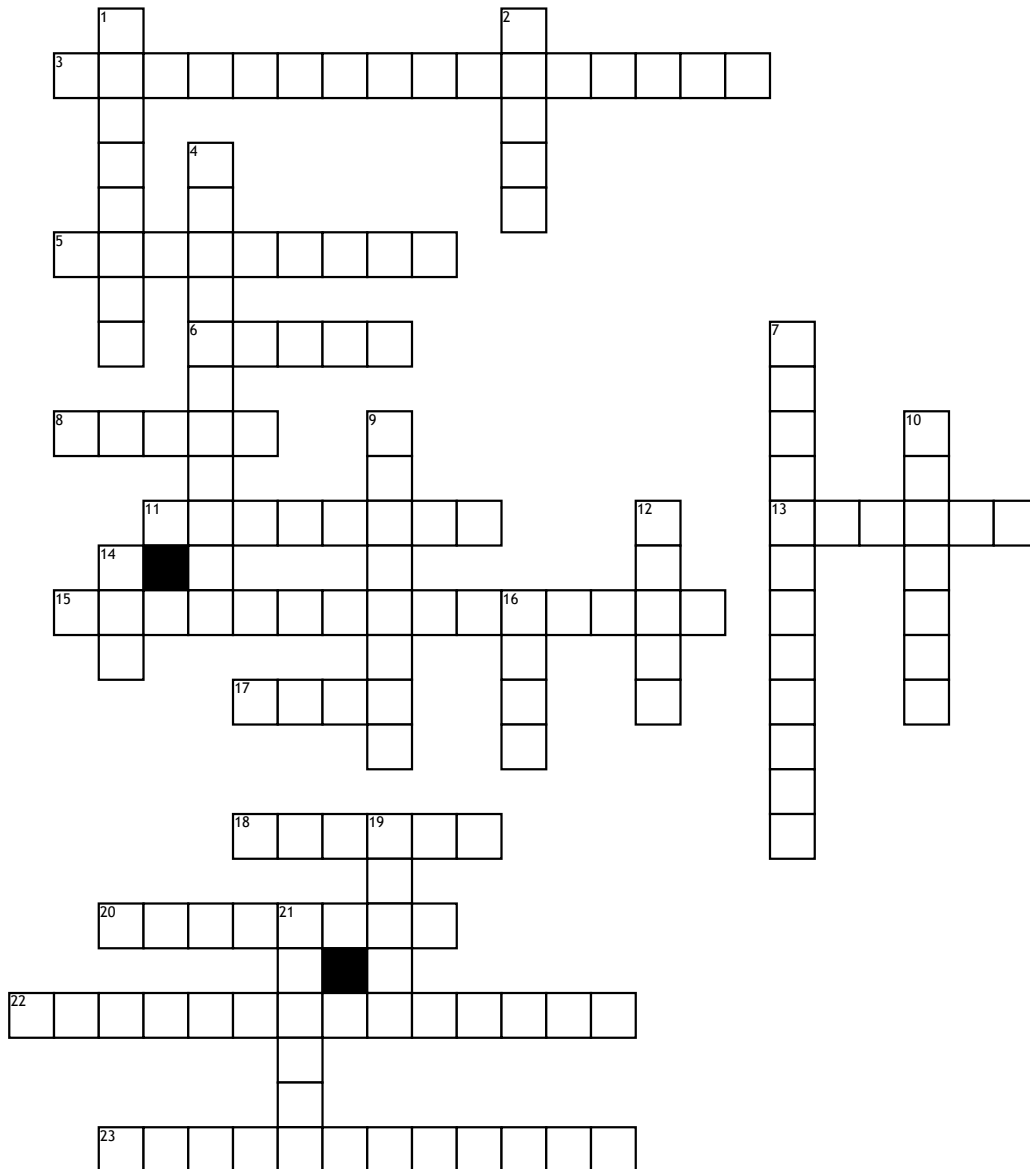


forces crossword



Across

3. $F=ma$

5. a vector have magnitude and

6. In regards to Impulse, increased time is associated with decreased

8. a push or a pull

11. an object is slowing down (in the positive direction). acceleration is

13. momentum before collision
_____ momentum after collision

15. For Every action there is an equal and opposite reaction

17. what is the net force of an object moving at constant velocity (spell out the number)

18. a hamburger is sitting (not moving) on the ground. the two forces acting upon it are gravity and the _____ force

20. change in _____ = impulse

22. Tonks is a _____ (she can change her appearance at will)

23. When an object speeds up, slows down, or changes direction.

Down

1. mass x _____ = momentum

2. objects can only accelerate if a _____ is acting upon them

4. the _____ of friction tells you the "roughness" of the surface

7. _____ = mg

9. The force that opposes the relative motion between two surfaces of objects in contact

10. The force between objects that have mass. Hint* the force that pulls you to the earth)

12. What's Mr. Krab's daughter's name?

14. Ron has _____ hair

16. Patrick lives under a _____

19. Harry caught the golden snitch in his first ever quidditch game in his _____

21. The support force exerted on an object that is in contact with another stable object.