Forces & Newton Review

1. Tendency of an object to resist change 1.

2. Negative acceleration AKA 2.

3. A dog chancing it tail (going in a circle) 3.

4. Acceleration's units 4.

5. You push against a door with 55 N of force & don't move. 5.
   The wall is pushing back how many Newtons of force?

6. Gravitational force b/w 2 objects are affected by 6.

NEWTONS LAW

7. Ava's homemade rocket flew 100 km in the air 7.

8. Tyler spikes the ball, but Makayla sets it. 8.

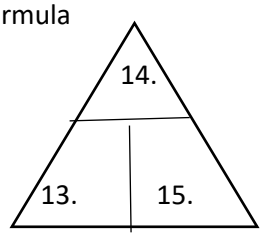
9. Peter can do the front crawl super at swim practice. 9.

10. Give an example of Newton's 1st Law 10.

11. Give an example of Newton's 2nd Law 11.

12. Give an example of Newton's 3rd Law 12.

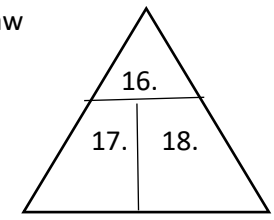
Speed formula 13.



14.

15.

Newton's 2nd Law 16.



17.

18.

19. 9.8 m/s^2 is the acceleration of 19.

20. rate of change in velocity 20.

21. distance over time 21.

22. push or pull 22.

23. how much matter is in an object 23.

24. Calculate the speed of a bus going 74 km in 2 hours.

25. Find the acceleration of a helicopter traveling 200m/s East and it comes to stop 25 seconds later.

26. Find the force of a bowling ball accelerating $55m/s^2$ on the ground with a mass of 10 kg.

27. Find the mass of a Frisbee that accelerates 42 m/s^2 whose force is 10 N.