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Newton's Law Vocab

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| **Across****2.** forces that are equal in size but opposite in direction**4.** forces that are not equal in size but opposite in direction**5.** resistance in the air**8.** Unit for force**10.** formula for momentum**11.** the combining of forces when two or more objects act on another**12.** A net force acting on an object causes the object to accelerate in the direction of the net force. **13.** Push or pull an object exerts on another**14.** the amount of matter in an object**15.** the attraction two objects have on one another**17.** the force of gravity on an object**18.** resistance to a motion when two objects are in contact with another | **Down****1.** momentum is never created or destroyed in a collision, it is only transferred**3.** every action has an equal and opposite reaction**6.** an object will move at a constant velocity until a net force acts upon it**7.** mass in motion**9.** formula to find the force of an object**16.** the tendency of an object to resist change |