



Across

- 1 Distance / time = ____ (5)
- 5 Force = ____ x acceleration (4)
- 9 hammer, broom, seesaw (5)
- 11 Objects moving with ____ motion are constantly accelerating because direction (and hence velocity) is constantly changing (8)
- 12 Force x Distance = ____ (4)
- 13 Mass is the amount of ____ in a substance. (6)
- 14 Newton's ____ law

states that an object's acceleration depends on the force applied and the mass of the object. (6)

- 15 Measure of force due to gravity (6)
- 16 Newton's first law explains the concept of ____ . (7)
- 17 Known for his three laws of motion (last name only). (6)
- 19 Simple machine at work in a door knob, screw driver and rolling pin (three words). (5,3,4)
- 20 Work / time = ____ (5)

Down

- 2 A car coming to a stop is ____ . (12)
- 3 Simple machine used to open blinds and hoist flags (6)
- 4 A car moving between two points in a straight line at a constant speed has no ____ . (12)
- 6 A device that makes work easier (two words) (6,7)
- 7 Newton's third law of motion states that for every action, there is an equal and opposite ____ . (8)
- 8 Newton's first law explains that an

object stays at rest or in motion unless acted upon by an unbalanced ____ . (5)

- 10 A car moving between two points in a straight line at a constant speed has a constant ____ . (8)
- 14 Simple machine used to hold together two pieces of wood or secure the top on a jar of pickles. (5)
- 18 A simple machine used for cutting (5)