

PHYSICS RULES AND S.I. UNITS GAME

Print this game onto thin cardboard. Then cut it into cards.

Q. In what unit is mass measured ? A. <i>kilogram</i>	Q. What is the rule for calculating speed? A. $S = D / T$
Q. What is the rule for calculating Force? A. $F = m a$	Q. The tendency for an object to remain at rest or to keep moving is _____. A. <i>inertia</i>
Q. In what unit is force measured ? A. <i>Newton</i>	Q. In what unit is resistance measured ? A. Ohm
Q. What force opposes motion? A. <i>friction</i>	Q. In what unit is weight measured ? A. <i>Newton</i>
Q. In what unit is power measured ? A. <i>Watt</i>	Q. What is the rule for calculating kinetic energy? A. $KE = \frac{1}{2} m v^2$
Q. What is Ohm's Law? A. $V = I R$	Q. In what unit is speed measured ? A. <i>metres per second or m/s</i>
Q. What is the rule for calculating Weight? A. $Weight = m g$	Q. A substance that reduces friction is a _____. A. <i>lubricant</i>
Q. In what unit is energy measured ? A. <i>Joule</i>	Q. What is the earth's gravitational acceleration? A. 9.8 m/s^2
Q. What device measures voltage? A. <i>voltmeter</i>	Q. What is the rule for calculating gravitational potential energy? A. $PE = m g h$
Q. Are household circuits wired in series or parallel? A. <i>parallel</i>	Q. In what unit is voltage measured ? A. Volt
Q. What is the rule for calculating Work? A. $Work = F s$	Q. What is the rule for momentum? A. $M = m v$
Q. In what unit is work measured ? A. <i>Joule</i>	Q. In what unit is electric current measured ? A. Ampere (amp)
Q. In what unit is acceleration measured ? A. <i>metres per second squared or m/s²</i>	Q. What device measures electric current? A. ammeter

