

spring or rubberband	$GPE=mgh$	elastic potential energy	less	joule
an apple in a tree	potential energy	kinetic energy	KE GPE	more
thermal energy	$KE=1/2m \times v^2$	FREE	friction	friction
mechanical energy	gravitational potential energy	law of conservation of energy	energy	kilogram (kg)
Unplug phone chargers	m/s	calorie	work	chemical energy

thermal energy	work	KE GPE	gravitational potential energy	an apple in a tree
less	friction	elastic potential energy	kilogram (kg)	$KE = 1/2 m \times v^2$
friction	$GPE = mgh$	FREE	energy	law of conservation of energy
chemical energy	spring or rubberband	calorie	mechanical energy	Unplug phone chargers
joule	food or fuel	more	kinetic energy	potential energy

mechanical energy	energy	thermal energy	chemical energy	less
m/s	more	work	gravitational potential energy	$KE = \frac{1}{2}m \times v^2$
law of conservation of energy	KE GPE	FREE	friction	elastic potential energy
food or fuel	joule	Unplug phone chargers	GPE=mgh	spring or rubberband
potential energy	kinetic energy	friction	kilogram (kg)	calorie