Name: _____ Date: _____

Motion and Forces

1. The downward pull on an object	A. gravity
2. The force of gravity on an object	B. power
3. The elliptical path that the moon follows around earth	C. weight
4. A force that resists the motion between two surfaces in contact	D. friction
5. The friction due to air	E. watt
6. A measure of how much force is acting on a certain area	F. air resistance
7. The unit for pressure	G. Bernoulli's Principle
8. Pressure =	H. law of conservation of energy
9. The upward force on objects in a fluid	I. mgh
10. States that an increase in speed of the motion of a fluid decreases the pressure within the fluid	J. force/area
11. States that when an outside pressure is applied at any point to a fluid in a container, that pressure is transmitted throughout the fluid with equal strength	K. potential energy
12. The use of force to move an object some distance	L. work/time
13. The unit to measure work	M. force x distance
14. Work =	N. Pascal's Principle
15. Energy in motion	O. work
16. Energy being stored	P. mechanical energy
17. GPE =	Q. m x v2 / 2
18. KE=	R. orbit
19. ME =	S. pressure
20. The energy possessed by an object due to its motion or position (combining the object potential and kinetic energy)	T. joule
21. Energy that is able to be transferred or transformed into another type of energy is called	U. buoyant force

22. The rate at which you do work

23. The unit of measurement for power

24. Power=

25. The amount of work a horse can do in a minute

V. PE + KE

W. pascal

X. kinetic energy

Y. horsepower