QUIZIZZ

NAME : _____

CLASS : _____

Chapter 5 Work and Power
13 Questions

DATE : _____

1. The rate at which work is done.

Joules

Power

Watts

Newtons

2. The formula for calculating work is...

work=
force x distance

work=
force/distance

work=
newtons x meters

work = newtons/metwers

3. If a tow truck does 1000 J of work in 5 seconds then what is the power being used?

200 n

2000 w

2000 n

200 w

4. Power is measured in watts.

True

False

5. Power=
work x time

True

False

6. Power is measured in which unit?

Newton

Joule

Pound

Watt

7. Work is measured in which unit?

Kilogram
Joule
Newton
Watt

8. What formula is used to calculate power?

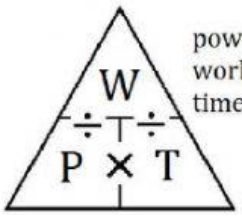
P=Ft
P=F/t
P=Wt
P=W/t

9. Power is the rate of...

something a super hero has
how much strength you have
one form of energy transfers to another one.
not sure, can I leave?

10. What is the formula for POWER?

Power = Time + Work
Power = Work / Time
Power = Work / Distant
Power = Newton x Joule

11. 

power = Watts (w)
work = Joules (J)
time = seconds (s)

You do 90 joules of work in 30 seconds. How much power have you generated?

30 watts
3 watts
120 watts
270 watts

12. Work divided by time equals...

energy
power

13. W = 500 Joules
t = 25 seconds
P = ???

0.05 W

20 W

12500 W

2000 W