Name.		
ACTIVITY # 1.1 Physical Quantities	Date due:	_
Name the Seven (7) Fundamental Quantities a		
b		
d.		
e		
f		
q.		

2. Classify the following quantities into Fundamental or Derived quantities.

а	Mass	
b	Speed	
С	Momentum	
d	Distance	
е	Time	

3. Complete the table below with correct information.

	Physical Quantity	SI Unit	Symbol of Unit
а	mass		
b	force		
С	weight		
b	speed		
е	distance		
f	acceleration		
g	density		



4.	Change	the	following	non-SI	units	into	its	standard	SI	units.	
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	Non-SI unit	Standard SI Unit
а	gram	
b	centimeter	
С	hour	
d	inches	
е	Centimeter per seconds	
f	milligram	
g	Newton per centimeter	
h	Gram per cubic centimeter	
i	Kilometer per hour squared	
j	Joules per minutes	

a.	9	and	
b.		and	
C.		and	
d.		and	
Vrite 1	the alternative name for the foll	lowing units.	
a.	Newton per kilogram -		
b.	Newton meter -		
C.	Joules per second -		
d.	Newton per meter squared -		

7. Classify the following quantities into scalar or vector quantities.

а	acceleration	f	momentum	
b	force	g	displacement	
С	mass	h	velocity	
d	time	i	speed	
е	density	j	weight	



Question 8

Match the units listed in column P with the correct variable listed in column Q, by writing the letter corresponding to the correct answer from column P in the space provided in column Q.

Coh	omn P	Colu	ımı Q	
A	joule	(i)	Rate of energy production	
В	newton	(ii)	Chemical potential energy	
C	newton-metre	(iii)	Momentum of a car	
D	kilogram metre per second	(iv)	Electrical energy	
E	kilowatt-hour	(v)	Speed of a car	<u> </u>
F	watt	(vi)	Work done	
G	metre per second	(vii)	Pressure	
H	metre per second squared	(viii)	Density	
1	newton per second squared	(ix)	Gravitational force	
J	kilogram per metre cubed	(x)	Acceleration	

Question 9

This question is about S.I. units and S.I. unit symbols.

Match the SI units or SI symbols with the physical quantity measured by placing the letter from column A in the blank space in column B.

Colu	mn A	Column B	
Α	volt (V)		electrical energy consumed
В	ampere (A)		rate of energy
C	joules (J)	-	moment
D	watts (W)		resistance
E	kilogram metre per second (kg m/s)	- 23	momentum
F	ohms (Ω)		energy
G	metre per second squared (m/s²)	gif e0	acceleration
Н	newton metre (Nm)	tros bind	force
I	kilowatt h (kWh)	n amin'i	joule per coulomb
J	Newton (N)		coulomb per second