PHYSICS FORM TWO NECTA 1988.

by Yohana Lozaro

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
C	B	D	A	B	C	A	B	C	A	C	D	C	D	D

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
C	A	D	A	D	A	B	D	B	A	D	C	A	C	C

31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
B	A	E	D	C	D	C	E	A	F	B	C	D	A	E

47. (a)Data given, Force, F = 100 N

Time, T = 25 seconds., distance = 0 m, since the wall was not moved

Required, work done

Since workdone = force x distance

= 100 N x 0 m = 0 J

Hence there is no work done.

(b)Data given; -

Power = 1kW = 1000 W

Time = 4 seconds

From, power = work done/time

Work done = power x time

= 1000 x 4 = 4000J

Work done = 4000 J.

48. (a)Atmospheric pressure is caused by the prescence of gases in the atmosphere.

(b)Given, h = 76 cm = 0.76 m

Density = 13600 kg/m^3

g = 10 N/m^2

from, pressure = density x g xheight

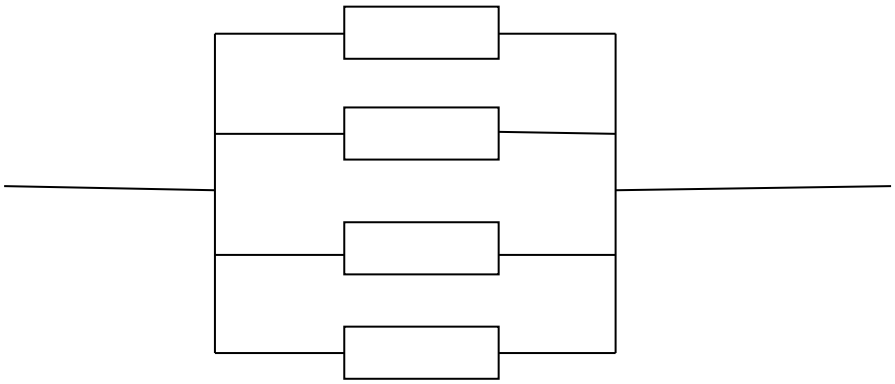
= 13600 x 10 x 0.76

= 103360 N/m^2

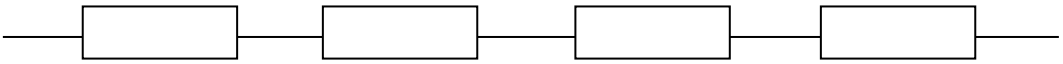
49.(a)Partial solar eclipse occurs when the sun is not completely covered.

(b)Total solar eclipse occurs when the sun is completely covered.

50. resistors in parallel.



(b)Resistors in series.



(c)Battery in serias with an ammeter

