

HW19 - UNIT TEST

DATE: 09th february 2021

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Formula for Work

Formula:

Work = Force x Distance

$$W = F.d$$

Number	Force (newtons)	Distance (meters)	Expected result work (joules)	Actual result
1	72 N	14 m	1008 J	
2	80 N	20 m	1600 J	
3	120 N	16 m	1920 J	
4	15 N	9 m	135 J	
5	30 N	6 m	180 J	
6	50 N	26 m	1300 J	
7	65 N	35 m	2275 J	
8	8 N	2 m	16 J	
9	63 N	23 m	1449 J	
10	120 N	85 m	10200 J	