Name: Anuj Sapkota Class: 8 Gr	
Work energy and power.	
W=FXd	
F = mXg	
$F = mXg$ $P = \frac{1}{5} \frac{w}{t}$	
KE- 1 my <sup>2</sup>	
$KE = \frac{1}{2}mv^2$ $PE = mgh$	
PF = mgh	
Revision.	
1> The energy possessed by a body resting at a certain height due to its position or configuration	L
due to its position or configuration	n
is called as potential energy.	
Solp	
Here,	
(m) Mass = 80kg	
(h) Hoight = 900m (t) time = 30m. = 60x30	
= 1800s.	
7,0005.	

Now, - 1×5 [: W= 6×5] = mxgxh[:: F=mg and] 80X10 X960 31800 = 400 watt. . . The man's power is 400 watt. > Transformation of energy is the process of in which one form of energy is converted into another Torm. -7 Soln Here Load (F) theight = 175N Weight(h) = 25m time [t] = 100s.

	DATE	
	Now,	
	P= W = FXS t t = FXS [:W=Fxs]	
	t ŧ	0
	= FXS [: W=Fxs]	村山
	L (	41
	= FXh (:: s=h)	
	- t	I hp = 74
	175×25)	10 Hp =
	175×25)	
	= 43.75 watt.	
	The power that the man is	
	43.75 watt.	
		1
3.	-> Sol7 Here, (P) Power - 104.P	
	Hore	
	(P) Power = 10H.P	
	(131000 = 10 PT)	-
	=10×746 watt	
	= 7460 watt.	
	$Mass(m) = 37.3 kg$ $distance(s) = 2km = 20 \times 1000 m$	
	distance(s) = 2km = 20x1000 m	
	= 2000m	
$\wedge$	Vow,	
The second secon		
		The state of the s





