e:_		Date:	Class:
	CAL SCIENCE WORKSHEET & POWER		
1.	You must exert a force of 4.5 N on a book to slide it across the table. If you do 2.7 J of work in the process how far have you moved the book?		
	FORMULA USED	WORK SHOWN	FINAL ANSWE
ا 2.	The world's most powerful tugboats are capable of providing 8,170,000 W of power. How much work doe one of these tugboats do in 12.5 seconds?		
[	FORMULA USED	WORK SHOWN	FINAL ANSWE
3.	A child pulls a slide up a snow covered hill. In the process the child does 405 J of work on the sled. If she walks 15 m up the hill, how large a force has she exerted on the sled?		
	FORMULA USED	WORK SHOWN	FINAL ANSWE
4.		g crate of hammers onto a truck. The upward fore aise the crate from the pavement to the truck bed WORK SHOWN	
5. [		ower output is 178 W during the time he does 33: ntlifter to raise the weights? WORK SHOWN	10 J of work on the weights. FINAL ANSWE
6.		00,000 kg. If the crane is able to raise this mass a 5.0 seconds, how much power has the crane prov	
[	FORMULA USED	WORK SHOWN	FINAL ANSWE
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