

PHYSLETS ANSWER SHEET

ES2A6

Energy / Set 2 / Animation 6

Name	Cla	SS
<show< th=""><th>all work on calculations. Include proper units. Explanations require complete s</th><th>entences.></th></show<>	all work on calculations. Include proper units. Explanations require complete s	entences.>
1)	Calculate the force exerted by the truck to pull the box up the hill.	
2)	Calculate the work done on the box to bring it up the hill as shown	n N
3)	Calculate the power expendeded to move the box up the hill.	1
4) box sl	If the rope were to break at the final position shown, how much hi ide before coming to rest?	gher up (vertically) would the
5)	Which of the following is true (while the box is being pulled up th A) The box exerts more force on the truck than the truck exerts b B) The truck exerts more force on the box than the box exerts bac C) The truck and the box exert equal amounts of force on each ot	ack on the box. ck on the truck.