A Physics Interactive Quiz : Energy Name:

	#	6	question	Answer			0	<--score
#	1	600	grams is the mass of a bullet shot from a gun with a barrel 40 cm long, with Vf of 400 m/s. Find the force on the bullet		120000	100	0	
#	2	600	Find the final KE for the bullet		48000	100	0	
#	3	600	Find the ultimate altitude of the bullet if shot upwards		8163.3	100	0	
#	4	600	find the speed of the bullet after being shot through a 4 cm door where the Ff was -2000 N		399.67	100	0	
#	5	480	is the vertical height of a 40° slope 60 kg Kenny skis on his snowboard. Find his PE at the top of the hill		282240	100	0	
#	6	480	FInd his KE at the bottom of the hill		282240	100	0	
#	7	480	find his velocity at the bottom of the hill		96.995	100	0	
#	8	30	N/m is the k for a spring that is compressed 30 cm to shoot a ball of mass 180 grams. Find the velocity of the ball		3.8729	100	0	
#	9	24	meters is the height of a hill Ben runs up in 7.5 seconds. Find his horsepower if his mass is 75 kg		3.1528	100	0	
#	10	108	Newtons is the frictional force overcome at a constant velocity of 4 m/s for someone pushing their car along a road. Find the power dissipated as heat.		432	100	0	

Extra Credit: