A Physics Interactive Quiz : Motion   Name:

#	4	question	Answer			0	<--score
# 1	4	seconds is how long it takes a car to cover 2000 meters. The average velocity is:		500	100	0	
# 2	8	seconds is the time a car accelerates at 0.2 m/s2. Find the final velocity		1.6	100	0	
# 3	8	Find the distance the same accelerating car covers:		6.4	100	0	
# 4	12	cm is the spacing between each of 5 drips. Find the velocity in cm/drip: (hint: draw this out before answering)		12	100	0	
# 5	12	find the acceleration if the drips get twice as far apart in the next interval		12	100	0	
# 6	12	what is the total displacement before the acceleration?		48	100	0	
# 7	40	meters is the height of a cliff. A ball dropped from this cliff would take how long to fall?		2.8571	100	0	
# 8	40	How fast would the ball be going by then?		28	100	0	
# 9	40	m/s is the velocity of a car that hits a tree. If it takes 0.8 meters to stop, find acceleration in m/s2		1000	100	0	
# 10	40	how many "g"s is this?		102.04	100	0	

Extra Credit: Draw the s, v and a graphs for the drip question