## Show all work. NO WORK = NO CREDIT

Data	Equation	Math	Answer
(71s at in the man	fl.:+::4l		
nat is the mas	s of an object with a momentu	m of 250 kgm/s and a velocity of 5 m/s?	
Data	Equation	Math	Answer
[ove foot will o	1200 kg can be troveling when	its momentum is 2400 from/s?	
low fast will a	1200 kg car be traveling when	its momentum is 2400 kgm/s?	
low fast will a	1200 kg car be traveling when	its momentum is 2400 kgm/s?  Math	Answer
			Answer
Data	Equation	Math	
Data	Equation		

5. How much imp	oulse is applied by a 25 N fe	orce in 30 seconds?	
Data	Equation	Math	Answer
6. How much imp	oulse is required to change	the velocity of a 2500 kg truck by 15 m/s?	
Data	Equation	Math	Answer
		<u> </u>	
7. What will be th	ne change in velocity of a 8	50 kg car if a force of 50,000 N is applied to	it for 0.5 seconds?
Data	Equation	Math	Answer
	•		
8. A 50,000 kg tr	ain is rolling on its own do	wn the track at 5 m/s. You grab the rope trail	ing behind it, and exert a
stopping	force of 2000 N. How lon-	g does it take to stop the train?	mg comma n, and onor a
Data	Equation	Math	Answer
	•		
	<u> </u>		<u> </u>
9 A 1 100 kg car	is going at 22 m/s. What f	Force is needed to stop it in 2.0 seconds?	
Data	Equation	Math	Answer
Dutu	Equation	Trauti	7 HISWCI
Answers: Not In C	Order		

2 105 50 87.5 63.2 125 15,600 37,500 18 750 29.4 12,100