

4. Which car has the larger impulse imparted to it by the applied force? Defend your answer.  5. Which car has the greater momentum at the edge of the cliff? Defend your answer.  Impulse *Amomentum ft *Amw  6. Which car has the greater work done on it by the applied force?  Defend your answer in terms of the distance traveled.  7. Which car has the greater kinetic energy at the edge of the cliff?  Does your answer follow from your explanation of 6?  Does it contradict your answer to 4? Why or why not?  8. Which car spends more time in the air, from the edge of the cliff to the ground below?  9. Which car lands farthest horizontally from the edge of the cliff onto the ground below?  10. Challenge: Suppose the slower car crashes a horizontal distance of 10 m from the ledge. Then at what horizontal distance does the faster car hit?  Conceptual PHYSICS	1. Which car has the greater acceleration?  2. Which car spends more time along the surface of the lot?	THY WAY I I THE
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