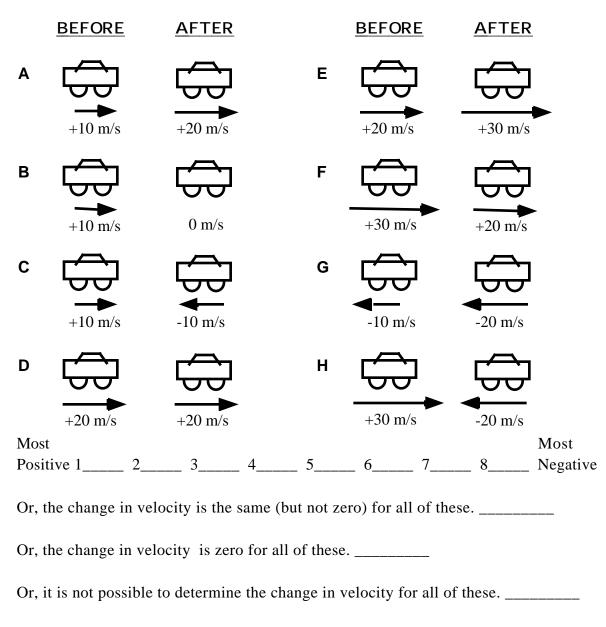
Cars—Change of Velocity 9

The eight situations below show before and after "snapshots" of a car's velocity. Rank these situations, in terms of the change in velocity, from most positive to most negative. All cars have the same mass and they traveled the same distance. Negative numbers, if any, rank lower than positive ones (-20 m/s < -10 m/s < 0 < 5).



Please carefully explain your reasoning.

How	sure were y	ou of your	ranking?	(circle one)						
Basically Guessed				Sure			Very Sure			
1	2	3	4	5	6	7	8	9	10	
			_							
⁹ J. Co	ole, D. Malone	ey, C. Hiegge	elke							
Physics Ranking Tasks				10			Mechanics			

Physics Ranking Tasks