

QUESTION

1. A 1000 kg car is moving at 20 m/s. It is brought to a stop in 10 s. What is the average force applied to the car?



Initial Velocity (v_i)	Final Velocity (v_f)	Time (t)	Mass (m)	Force (F)
20 m/s	0 m/s	10 s	1000 kg	?

ANSWER



Initial Velocity (v_i)	Final Velocity (v_f)	Time (t)	Mass (m)	Force (F)
20 m/s	0 m/s	10 s	1000 kg	2000 N