

QUESTION

1. A 2000 kg car is moving at 10 m/s. It is brought to a stop in 5 s. What is the average force applied to the car?



Variable	Value
Mass (m)	2000 kg
Initial velocity (u)	10 m/s
Final velocity (v)	0 m/s
Time (t)	5 s

2. A 1000 kg car is moving at 10 m/s. It is brought to a stop in 5 s. What is the average force applied to the car?

ANSWER

1. $F = 4000 \text{ N}$



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