

QUESTION

1. A 1000 kg car is moving at 10 m/s. It is brought to a stop in 0.1 s. What is the average force exerted on the car?

2. A 1000 kg car is moving at 10 m/s. It is brought to a stop in 0.1 s. What is the change in momentum of the car?

3. A 1000 kg car is moving at 10 m/s. It is brought to a stop in 0.1 s. What is the impulse exerted on the car?

4. A 1000 kg car is moving at 10 m/s. It is brought to a stop in 0.1 s. What is the work done on the car?

5. A 1000 kg car is moving at 10 m/s. It is brought to a stop in 0.1 s. What is the power exerted on the car?

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