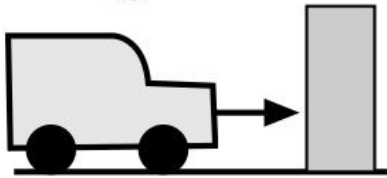


Additional Questions



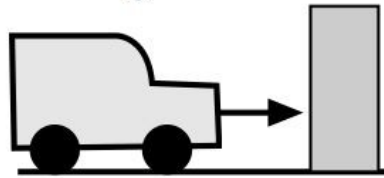
Trucks with the noted masses moving at the noted speeds crash into barriers that bring them to rest with a constant force. Which truck compresses the barrier by the smallest distance?

1000 kg 20 m/s



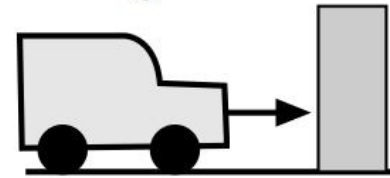
A.

2000 kg 10 m/s



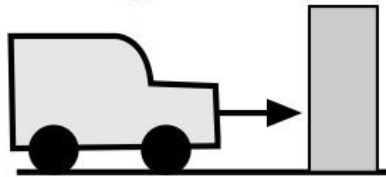
B.

3000 kg 10 m/s



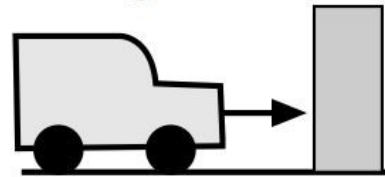
C.

2000 kg 20 m/s



D.

1000 kg 30 m/s

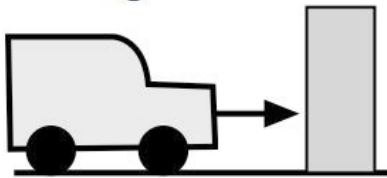


E.

Answer

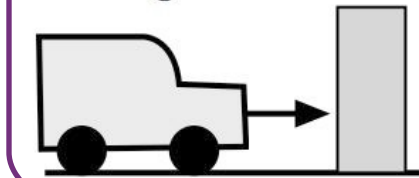
Trucks with the noted masses moving at the noted speeds crash into barriers that bring them to rest with a constant force. Which truck compresses the barrier by the smallest distance?

1000 kg 20 m/s



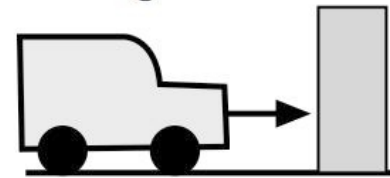
A.

2000 kg 10 m/s



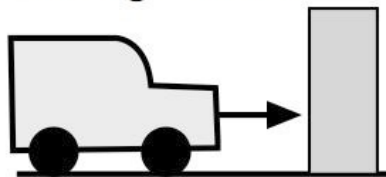
B.

3000 kg 10 m/s



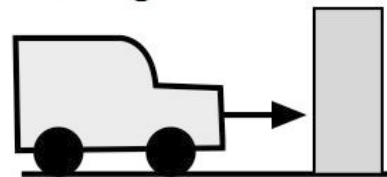
C.

2000 kg 20 m/s



D.

1000 kg 30 m/s



E.