Kinetic energy
Physics

Name: _____

calculate the KE of a moving 4-kilogram object traveling at a velocity of 3 m/s.

18 J | 12 J | 36 J | 6 J

How much KE does a moving 6-kilogram object have if it moves with a velocity of 3 m/s?

27 J | 18 J | 12 J | 13 J

A moving 10-kilogram object has 20 Joules of KE. What is its velocity?

2 m/s | 200m/s | 4 m/s | 10 m/s

What is the mass of a moving object that has 100 Joules of KE and moves at a velocity of 2 m/s?

50 kg | 5 kg | 10 kg | 20 kg

AS mass increases the kinetic energy of the object will

Increases | Remains same

Decreases | Don't know

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