

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