

7 A particle has mass $6.5 \text{ MeV}/c^2$.

Which of the following gives the mass, in kg, of the particle?

☐ A $\frac{6.5 \times 1.6 \times 10^{-19}}{(3 \times 10^8)^2}$

☐ B $\frac{6.5 \times 1.6 \times 10^{-13}}{(3 \times 10^8)^2}$

☐ C $\frac{6.5 \times (3 \times 10^8)^2}{1.6 \times 10^{-19}}$

☐ D $\frac{6.5 \times (3 \times 10^8)^2}{1.6 \times 10^{-13}}$

(Total for Question 7 = 1 mark)