

- 6 A body has a weight of 58.9 N when on the Earth. On the Moon, the acceleration of free fall is  $1.64 \text{ ms}^{-2}$ .

What are the weight and the mass of the body when it is on the Moon?

	weight / N	mass / kg
<b>A</b>	9.85	1.00
<b>B</b>	9.85	6.00
<b>C</b>	58.9	1.00
<b>D</b>	58.9	6.00

**Space for working**