

- 6 The Moon is gradually moving away from the Earth.

The gravitational potential at the Earth due to the Moon, and the gravitational force between the Earth and the Moon, are both changing.

Which row of the table is correct?

		Gravitational potential	Gravitational force
<input type="checkbox"/>	A	decreases	decreases
<input type="checkbox"/>	B	increases	decreases
<input type="checkbox"/>	C	decreases	increases
<input type="checkbox"/>	D	increases	increases

(Total for Question 6 = 1 mark)