

- 8** The radius of the Earth is 6.371×10^6 m. The gravitational field strength on the surface of the Earth is 9.81 N kg^{-1} .

What is the gravitational potential at a point 80 000 m above the Earth surface?

- A** -5.0 kJ kg^{-1}
- B** -5.0 MJ kg^{-1}
- C** -62 MJ kg^{-1}
- D** -62 GJ kg^{-1}