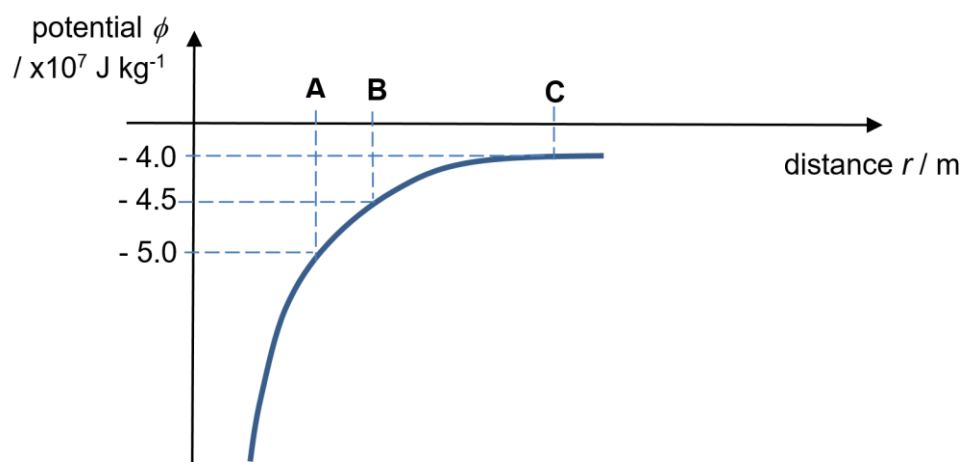


- 11 The graph (not to scale) below shows how the gravitational potential ϕ of Earth varies with distance r from its centre, with values of ϕ given for three positions **A**, **B**, and **C**. Mass of Earth is 6.0×10^{24} kg.



What are the distances **AB** and **BC**?

	distance AB / $\times 10^6$ m	distance BC / $\times 10^6$ m
A	0.89	1.1
B	0.89	1.8
C	8.9	11.1
D	8.9	17.8