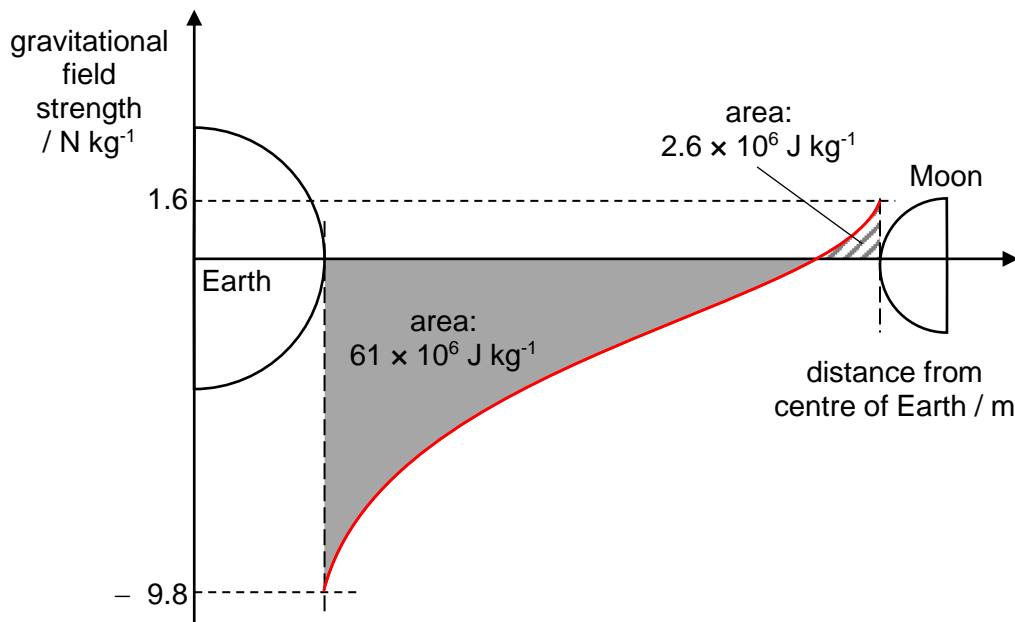


- 10** The graph below shows the variation with distance from the centre of Earth, of the gravitational field strength between the surface of the Earth and the Moon. The areas under the graph segments and the value of the gravitational field strength on Earth's and on Moon's surfaces are indicated.



What is the minimum speed a mass on the surface of the Moon must have, in order to be able to reach Earth's surface?

- A**  $186 \text{ m s}^{-1}$
- B**  $902 \text{ m s}^{-1}$
- C**  $2280 \text{ m s}^{-1}$
- D**  $11\,000 \text{ m s}^{-1}$