Which of the following gives the acceleration of free fall, in m s⁻², at the surface of a

The acceleration of free fall at the surface of the Earth is $9.81 \,\mathrm{m\,s^{-2}}$. The mass of the Earth is M and the diameter of the Earth is D.

 $\square \quad C \quad \frac{9.81 \times 2}{3}$ $\square \quad D \quad \frac{9.81 \times 9}{3}$