

15 The derivation of the pressure equation $\Delta p = \rho g \Delta h$ uses a number of relationships between quantities.

Which relationship is **not** used in the derivation of this equation?

- A density = $\frac{\text{mass}}{\text{volume}}$
- B potential energy = mass \times acceleration of free fall \times height
- C pressure = $\frac{\text{force}}{\text{area}}$
- D weight = mass \times acceleration of free fall