

- 8 When a pebble of volume $2.0 \times 10^{-4} \text{ m}^3$ is hung on a spring balance, a reading of 8.0 N is obtained. The pebble is now totally immersed in a liquid of density 800 kg m^{-3} .

What is the reading on the spring balance now?

- A 1.6 N
- B 6.4 N
- C 8.0 N
- D 9.6 N