

18 A submarine carries a pressure meter so that the crew can work out how far they are below the surface of the sea. At the surface, the meter indicates a pressure of 100 kPa. The density of seawater is 1030 kg m^{-3} .

What is the depth below the surface when the meter reads 450 kPa?

A 34.6 m

B 44.5 m

C 340 m

D 437 m

19 What is plastic deformation?