

20 A horizontal plate of area 0.036 m^2 is beneath the surface of a liquid of density 930 kg m^{-3} . The force on the plate due to the pressure of the liquid is 290 N.

What is the depth of the plate beneath the surface of the liquid?

A 0.88 m

B 1.13 m

C 8.7 m

D 9.1 m

21 The graph shows the relationship between stress and strain for three wires of the same linear