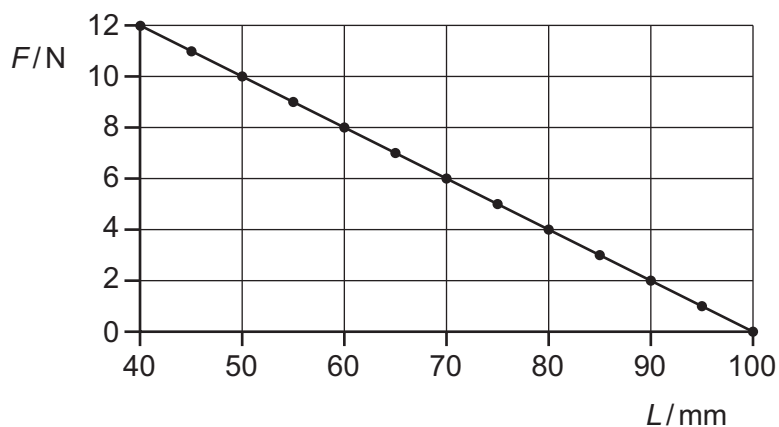


- 18 Atmospheric pressure at sea level has a value of 100 kPa.
The density of sea water is 1020 kg m^{-3} .

At what depth in the sea would the total pressure be 110 kPa?

- A 1.0 m B 9.8 m C 10 m D 11 m

- 19 A spring is compressed by a force. The graph shows the compressing force F plotted against the length L of the spring.



What is the spring constant of this spring?

- A 0.2 Nm^{-1} B 5 Nm^{-1} C 100 Nm^{-1} D 200 Nm^{-1}

Space for working