

- 14** A submarine has circular windows of diameter 0.30 m. The windows can experience a maximum external pressure of 660 kPa before they crack.

What is the minimum external force needed to crack the windows?

- A** 47 000 N **B** 190 000 N **C** 310 000 N **D** 620 000 N

- 15** Five identical 6.0 kg blocks are pushed together by a force of 100 N, as shown in the diagram.