

- 9** A rocket engine ejects 90 kg of exhaust gas per second at a velocity of 190 m s^{-1} relative to the rocket.

What is the force acting on the rocket due to the ejected gas?

- A** 2.1 kN **B** 17 kN **C** 18 kN **D** 162 kN

- 10** Which of the following is not a unit of force? **A** newton **B** newton per second **C** newton per second squared **D** newton per second cubed