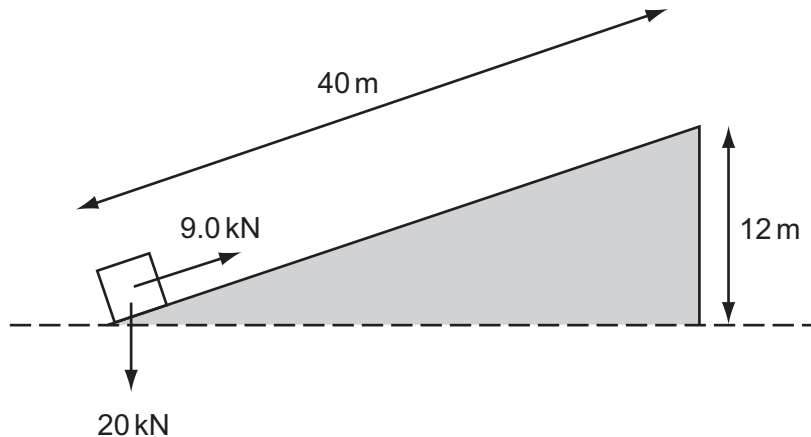


- 18** A constant force of 9.0 kN, parallel to an inclined plane, moves a body of weight 20 kN through a distance of 40 m along the plane at constant speed. The body gains 12 m in height, as shown.



How much of the work done is dissipated as heat?

- A** 120 kJ **B** 240 kJ **C** 360 kJ **D** 600 kJ

- 19** Which statement applies to the boiling but not to the evaporation of a liquid?