

- 17** A box of weight 40 N is pushed with a horizontal force of 20 N along level ground for a distance of 2.4 m.

The box is then lifted at constant velocity through a height of 1.6 m by a vertical force.

What is the total work done on the box by the two forces?

- A** 80 J **B** 110 J **C** 120 J **D** 160 J

- 18** Which of the following is a scalar quantity?