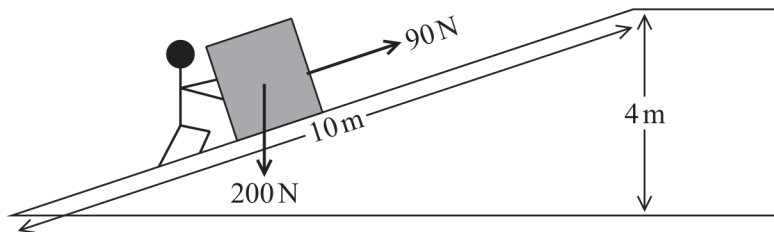**4** A force of 90 N is used to push a box along a ramp of length 10 m, up to a platform.
The platform is 4 m above the ground. The weight of the box is 200 N.

Which of the following expressions could be used to determine the efficiency of the ramp?

☒ **A** $\dfrac{90 \times 10}{200 \times 4}$

☒ **B** $\dfrac{200 \times 4}{(90 \times 10) + (200 \times 4)}$

☒ **C** $\dfrac{200 \times 4}{90 \times 10}$

☒ **D** $\dfrac{90 \times 10}{(90 \times 10) + (200 \times 4)}$

(Total for Question 4 = 1 mark)