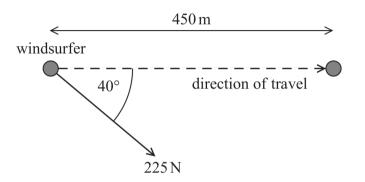
2 The wind exerts a force of 225 N on a windsurfer. The windsurfer moves a distance of 450 m at an angle of 40° to the wind, as shown.



Which of the following expressions gives the work done, in joules, on the windsurfer?

$$\square$$
 C $225 \times 450 \times \sin 40^{\circ}$

$$\square$$
 D $225 \times 450 \times \tan 40^{\circ}$