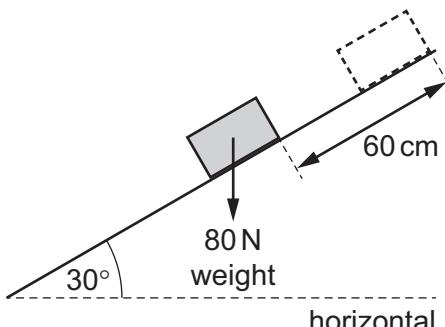


- 17 A block of weight 80 N is pushed a distance of 60 cm up a slope inclined at  $30^\circ$  to the horizontal. There is a frictional force of 25 N between the block and the surface of the slope.



What is the work  $W_g$  done against the gravitational force and the work  $W_f$  done against the frictional force?

	$W_g/J$	$W_f/J$
A	24	7.5
B	24	15
C	48	7.5
D	48	15