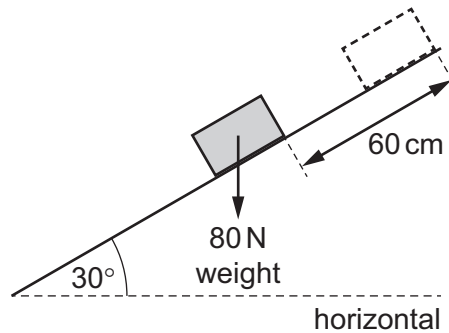


- 17** A block of weight 80 N is pushed a distance of 60 cm up a slope inclined at 30° to the horizontal. There is a frictional force of 25 N between the block and the surface of the slope.



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