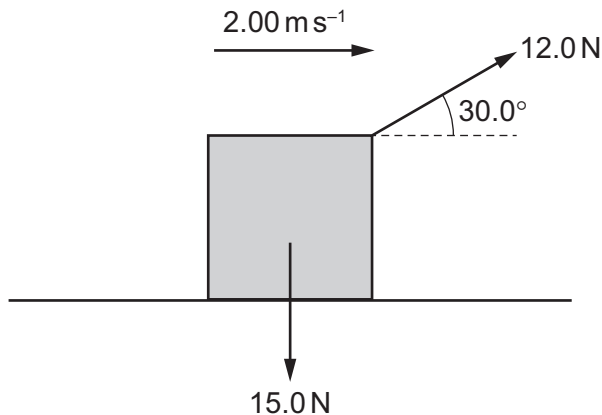


18 An object of weight 15.0 N is pulled along a horizontal surface at a constant velocity of 2.00 m s^{-1} .

The force pulling the object is 12.0 N at 30.0° to the horizontal, as shown.



What is the power used to move the object?

A 12.0 W

B 20.8 W

C 24.0 W

D 30.0 W