

- 8** A man drags an object of mass 5.0 kg up a plane inclined at 30° to the horizontal. It travelled through a vertical height of 12 m at a constant speed. The total work done by the man is 1500 J.

What is the average friction force between the object and the plane?

A 8.3 N

B 38 N

C 63 N

D 88 N