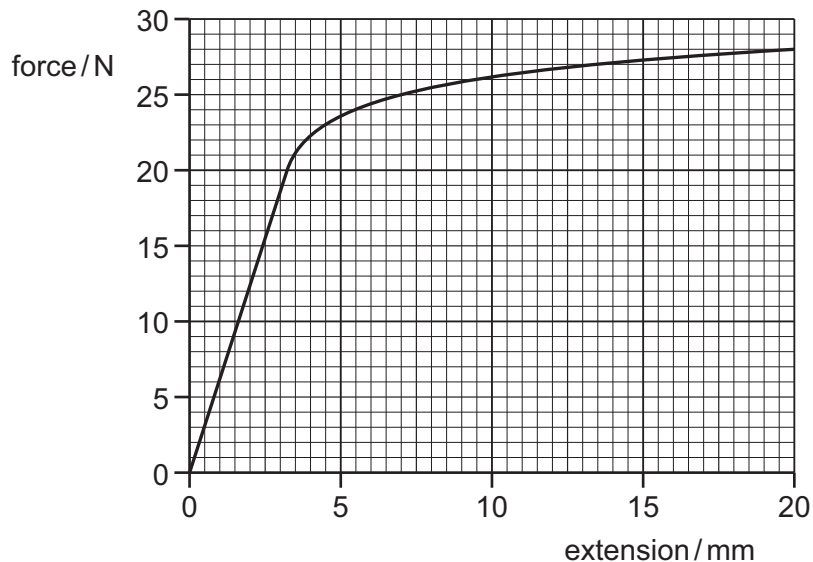


24 The graph is a force-extension graph for a wire that is being stretched.



How much work needs to be done by the tensile force, to two significant figures, to cause an extension of 7.0 mm?

A 0.088 J

B 0.12 J

C 0.53 J

D 120 J

25 A wire stretches 8 mm under a load of 60 N