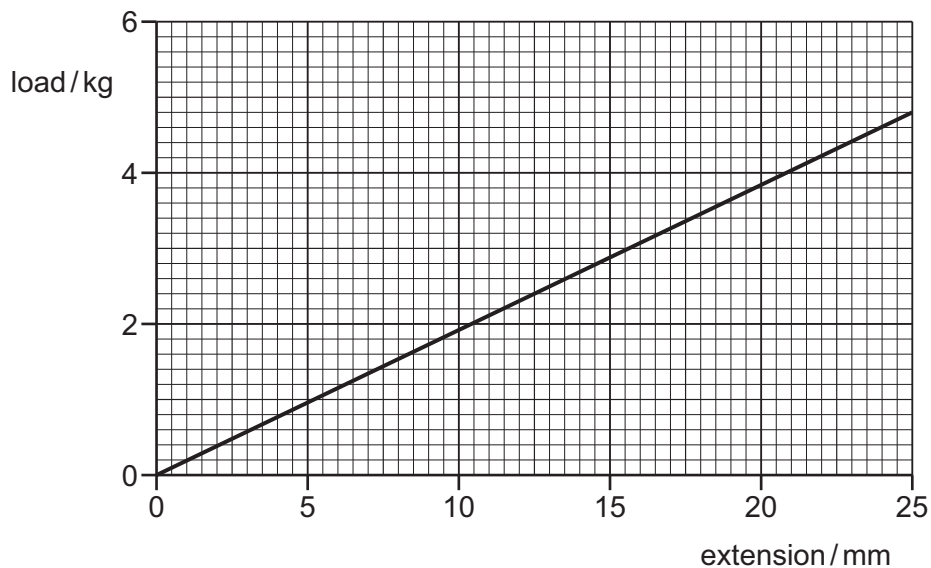


**21** The graph is a load-extension graph for a wire undergoing elastic deformation.



How much work is done on the wire to increase the extension from 10 mm to 20 mm?

**A** 0.028 J

**B** 0.184 J

**C** 0.28 J

**D** 0.37 J

**22** Which statement about longitudinal waves is correct?