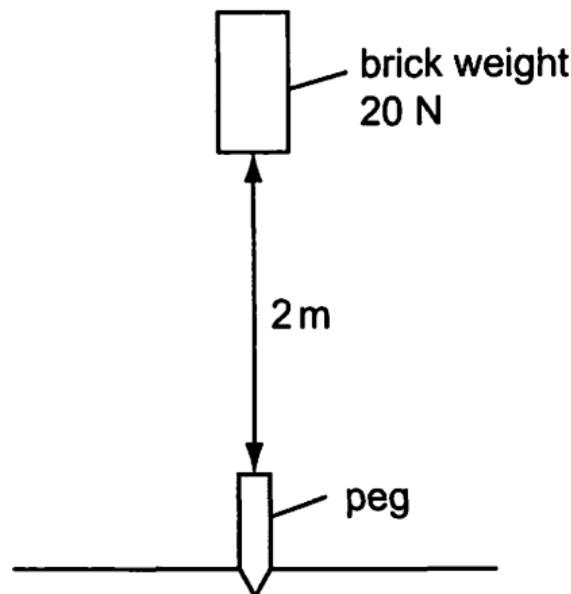


- 14 A brick of weight 20 N is dropped from a height of 2 m directly onto a wooden peg. The brick loses all of its energy to the peg, which is knocked 4 cm into the ground.



What is the approximate average friction force between the peg and the ground?

A 10N

B 100N

C 1000N

D 10 000N

- 15 A coil spring stretches 20% less than it is compressed. If it is compressed 0.2 m, how far will it stretch?