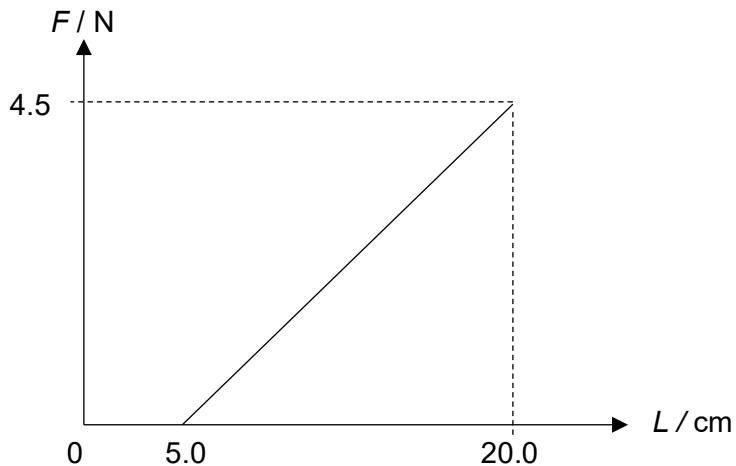


- 7 The tension  $F$  in a spring varies with its length  $L$  according to the following graph.



The unstretched spring is then suspended from the rod of a retort stand, and a 150 g mass is attached to its lower end, and then released.

What is the maximum length of the spring?

- A** 4.9 cm      **B** 9.8 cm      **C** 14.8 cm      **D** 19.6 cm