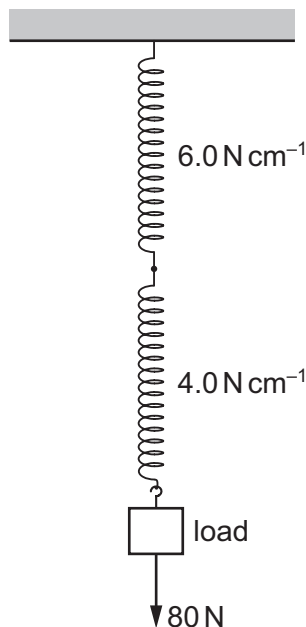


- 23** A spring has a spring constant of 6.0 N cm^{-1} . It is joined to another spring whose spring constant is 4.0 N cm^{-1} . A load of 80 N is suspended from this composite spring.



What is the extension of this composite spring?

- A** 8.0 cm **B** 16 cm **C** 17 cm **D** 33 cm

- 24** The mass of a body is 10 kg . It is lifted by a pulley system. The effort applied is 10 N to lift a load of 10 N .