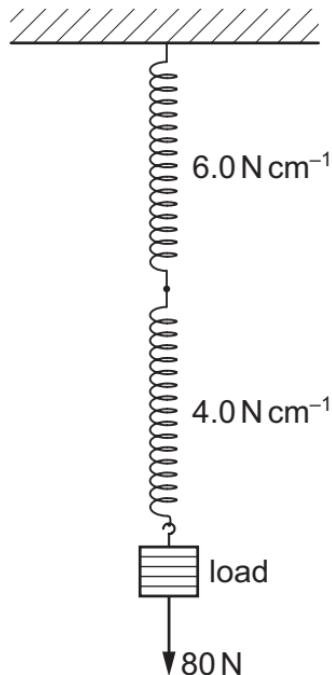


- 20 A spring has a spring constant of  $6.0 \text{ N cm}^{-1}$ . It is joined to another spring whose spring constant is  $4.0 \text{ N cm}^{-1}$ . A load of 80 N is suspended from this composite spring.



What is the extension of this composite spring?

A 8.0 cm

B 16 cm

C 17 cm

D 33 cm