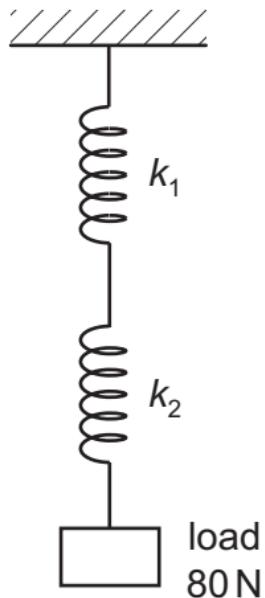


- 25 Two springs, one with spring constant $k_1 = 4 \text{ kN m}^{-1}$ and the other with spring constant $k_2 = 2 \text{ kN m}^{-1}$, are connected as shown.



What is the total extension of the springs when supporting a load of 80 N?

A 1.3 cm

B 4 cm

C 6 cm

D 60 cm

- 26 Which statement about waves is correct?