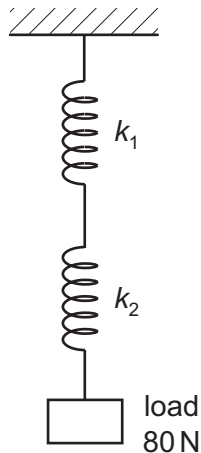


- 25** Two springs, one with spring constant $k_1 = 4 \text{ kN m}^{-1}$ and the other with spring constant $k_2 = 2 \text{ kN m}^{-1}$, are connected as shown.



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?