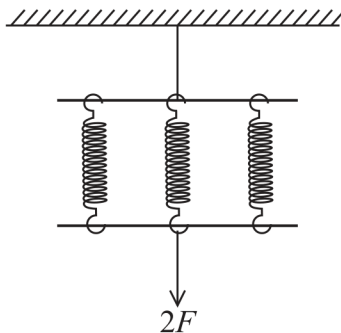


- 8 When a certain spring is stretched by a tensile force F , the elastic energy stored in the spring is E .

Three of these springs are arranged in parallel and stretched by a tensile force of $2F$, as shown.



Which of the following expressions gives the elastic energy stored in the parallel system?

- ☐ A $\frac{1}{3}E$
- ☐ B $\frac{2}{3}E$
- ☐ C $\frac{4}{3}E$
- ☐ D $2E$

(Total for Question 8 = 1 mark)