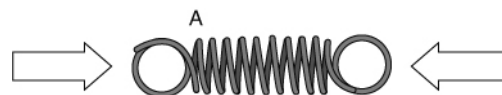


Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

Fill in the gaps in these sentences using words from the box. You may use each word once, more than once or not at all.

compress	elastic	elastic limit	extension	original length	plastic
	proportional	stretch	stretched length		

1 The forces on spring A will \_\_\_\_\_ it.



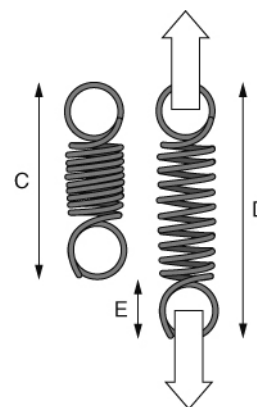
2 The forces on spring B will \_\_\_\_\_ it.



3 a Length C is the \_\_\_\_\_ of the spring.

b Length D is the \_\_\_\_\_ of the spring.

c Length E is the \_\_\_\_\_ of the spring.

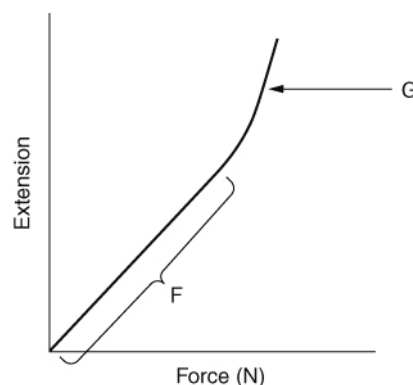


4 When the force is removed from a spring it returns to its \_\_\_\_\_. It is \_\_\_\_\_.

5 The graph shows how the extension of a spring changes when the force on it is changed.

a In part F of the graph, the extension is \_\_\_\_\_ to the force.

b In part G, the spring has been pulled past its \_\_\_\_\_. It will not return to its original shape.



I can...  
• describe how the extension of a spring depends on the force applied.