

20 A spring is loaded with weights. When the weights are removed, the spring returns to its original length.

The spring is then loaded with heavier weights. When the weights are removed, the spring is longer than it was originally.

Which types of deformation are shown by this experiment?

- A** both elastic and plastic deformation
- B** elastic deformation only
- C** neither elastic nor plastic deformation
- D** plastic deformation only

21 The diagram shows a force-extension graph.