

- 24** A steel spring has a spring constant of  $150 \text{ N m}^{-1}$ . When a 25 N weight is hung from the spring, it has a stretched length of 55 cm.

What was the original length of the spring?

- A** 0.38 m      **B** 0.49 m      **C** 0.61 m      **D** 0.72 m

**Space for working**