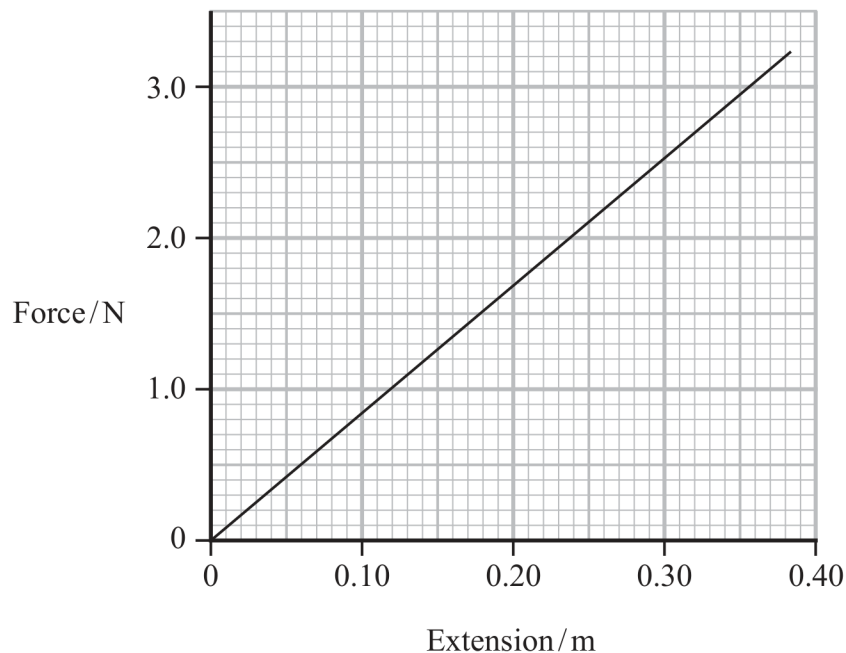


- 4 A force-extension graph for a spring is shown.



Which of the following gives the work done, in joules, to extend the spring by 0.30 m from its original length?

- ☐ A  $0.30 \times 2.5$
- ☐ B  $0.5 \times 0.30 \times 2.5$
- ☐ C  $\frac{2.5}{0.30}$
- ☐ D  $\frac{0.30}{2.5}$