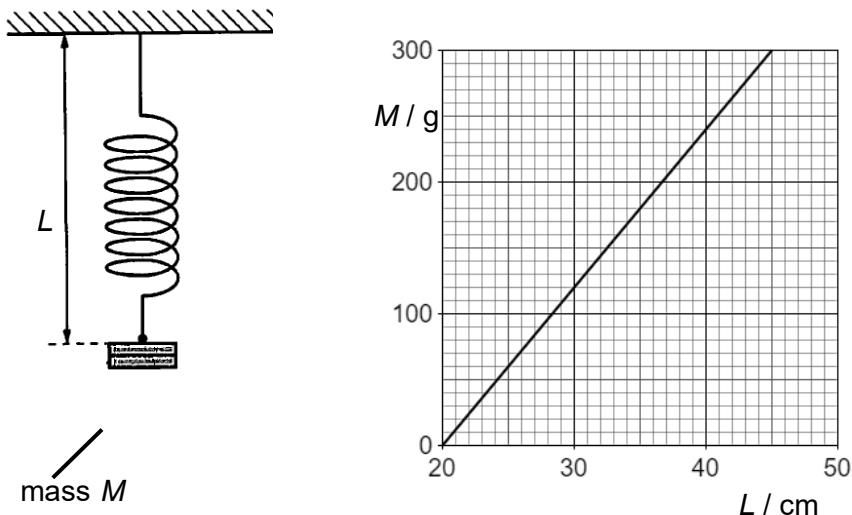


- 6** One end of a spring is fixed to a support. A mass is attached to the other end of the spring as illustrated below. The variation of mass M with length L is shown in the graph below.



What is the energy stored in the spring when it is extended to a length of 35 cm?

- A** 0.00750 J **B** 0.0315 J **C** 0.132 J **D** 0.309 J