

5 A spring has a length of 25 cm when a load of 2.0 N is suspended from it.

The spring has a length of 35 cm when a 7.0 N load is used.

What is the spring constant of the spring?

A 0.20 N/cm

B 0.50 N/cm

C 2.0 N/cm

D 5.0 N/cm