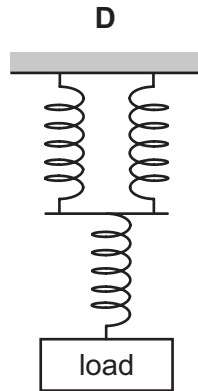
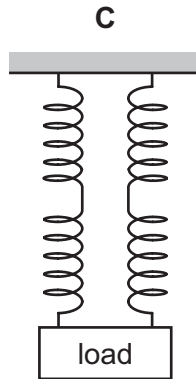
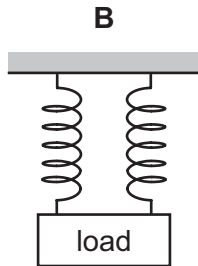
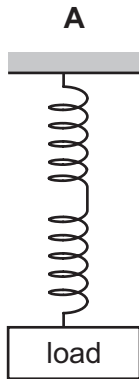


**19** Identical springs are joined in four arrangements.

Which arrangement has the same spring constant as a single spring?



**20** A mass  $m$  is suspended from a spring with the force constant  $k$ .