

AQA - Force and elasticity – GCSE Physics

1. **June/2020/Paper_2H/No.4(4.5),(4.6)**

0 4 . 5

When the door unlocks, a force of 2.88 N is applied to the spring.

The spring extends by 1.50 cm.

Calculate the spring constant of the spring.

[4 marks]

Spring constant = _____ N/m

0 4 . 6

Give **two** ways the resultant force on the bolt could be increased.

[2 marks]

1 _____

2 _____
