

Work done and energy transfer – GCSE CS Physics

1. No.5(5.4_5.5)

0 5 . 4

Write down the equation which links distance (s), force (F) and work done (W).**[1 mark]**

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When the rocket aeroplane travels a distance of 270 m on the runway the engines will do 54 000 000 J of work.

Calculate the average force exerted by the engines.

[3 marks]

Average force = _____ N