

AQA – Proof – A2 Mathematics P1

1. June/2020/Paper_1/No.5

Prove that, for integer values of n such that $0 \leq n < 4$

$$2^{n+2} > 3^n$$

[2 marks]

2. June/2019/Paper_1/No.9

Prove that the sum of a rational number and an irrational number is always irrational.

[5 marks]
