AQA – Sequences – GCSE Mathematics Paper-3

1.   June/2019/Paper_3F/No.14

In this question use

1 cubic foot = 6.23 gallons

1 cubic foot = 0.028 cubic metres

Convert 3115 gallons into cubic metres.

[3 marks]

_____

_____

_____

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_____

Answer _____ m^3

2. June/2019/Paper_3F/No.15

Circle the correct statement.

[1 mark]

$$\frac{1}{3} \leqslant 30\% \qquad \frac{1}{3} = 30\% \qquad \frac{1}{3} < 30\% \qquad \frac{1}{3} \neq 30\%$$

3. June/2019/Paper_3F/No.14

(a) The term-to-term rule for a sequence is

add 4 then divide by 2

The 1st term of the sequence is 36

Work out the 3rd term.

[2 marks]

_____

_____

Answer _____

(b) The term-to-term rule for a different sequence is

divide by 3 then add 10

The 2nd term of this sequence is 60

Work out the 1st term.

[2 marks]

_____

_____

Answer _____