AQA – Sequences – GCSE Mathematics Paper_2

1. June/2021/Paper_2F/No.23

Here is a rule for a sequence.

> After the first two terms, each term is the sum of the previous two terms.

The first five terms are p 23 q 57 r

Work out the values of p, q and r.

[2 marks]

$p =$ _____

$q =$ _____

$r =$ _____

2. June/2021/Paper_2H/No.3

The first three terms of a geometric progression are $\dfrac{2}{3}$ $\dfrac{4}{9}$ $\dfrac{8}{27}$

Circle the fourth term.

[1 mark]

$$\dfrac{10}{81} \qquad\qquad \dfrac{14}{81} \qquad\qquad \dfrac{16}{81} \qquad\qquad \dfrac{32}{81}$$

2. June/2021/Paper_2H/No.3