

1 (a) A geometric progression starts 4 16

Work out the next term.

[1 mark]

Answer _____

2

A is an **arithmetic** progression.

Here are the first four terms.

13

16

19

22

G is a **geometric** progression.

Here are the first four terms.

2

4

8

16

n th term of A = 8th term of G

Work out the value of n .

[4 marks]

$n =$ _____