

Find the missing terms for each geometric sequence, state the common ratio, and then find the function and recursive rule

1. 3, 9, __, __, 243

2. 500, __, 125, 62.5, __

Common ratio:

Common ratio:

Function Rule:

Function Rule :

Recursive Rule:

Recursive Rule:

Two consecutive terms in a geometric sequence are given. Find the next two terms, the common ratio, the recursive formula, and the explicit formula

7. If $f(0) = 5$ and $f(1) = 25$ then $f(2) = \underline{\hspace{2cm}}$ and $f(3) = \underline{\hspace{2cm}}$

Common ratio $\underline{\hspace{2cm}}$ Recursive rule $\underline{\hspace{2cm}}$ Explicit Rule $\underline{\hspace{2cm}}$

8. If $f(2) = 160$ and $f(3) = 40$ then $f(4) = \underline{\hspace{2cm}}$ and $f(5) = \underline{\hspace{2cm}}$

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