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

1. 3, 9, __ , __ , 243

Common ratio:

Function Rule:

Recursive Rule:

2. 500, ___ ,125, 62.5,____

Common ratio:

Function 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) = _____ and f(3) = _____

Common ratio_____ Recursive rule_____ Explicit Rule_____

8. If f(2) = 160 and f(3) = 40 then f(4) = _____ and f(5) = _____

Common ratio_____ Recursive rule_____ Explicit Rule_____

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