3. Find four geometric means between 0.5 and 512.

Step 1: $n = $ _____

Step 2: $a_n = a_1(r)^{n-1}$

              $=$

              $=$

              $=$

Step 3:   0.5 $\curvearrowright \curvearrowright \curvearrowright \curvearrowright \curvearrowright$ 512