Geometric Meanies

A Practice Understanding Task

Each of the tables below represents a geometric sequence. Find the missing terms in the sequence,

showing your method.



ole 1				
X	1	2	3	
V	3	(0	12	

Is the missing term that you identified the only answer? Why or why not?

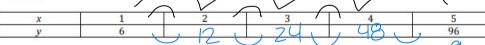
Even jumps- ratio can be positive and regative

Table 2

			25	,)
X	1	2	3	4
у	7	26	125	875
-			175	

Are the missing terms that you identified the only answers? Why or why not?

Table 3



Are the missing terms that you identified the only answers? Why or why not?

> Ratio can be Zor

Sjumps -> only one ratio

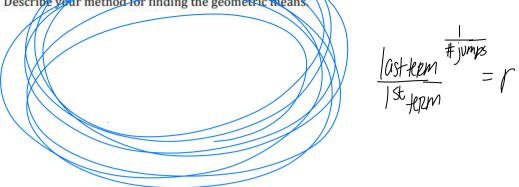
Table 4

Table 4						
X	1	2	3	4	5	6
у	4	, 12.	, 310	108.1	324	972
			$\overline{}$)

Are the missing terms that you identified the only answers? Why or why not?

5 jumps -> 3 only option odd #





B. How can you tell if there will be more than one solution for the geometric means?

even jumps -> + + reg odd jumps -> only / answcr