

Consider the following table: Note that the x -values are in *arithmetic progression* (constant differences between consecutive terms), while the y -values are in *geometric progression* (constant ratio of consecutive terms).

x	y
1	1
2	2
3	4
4	8
5	16

Fill in the missing values in the following more detailed table. Compute your answers to at least 3 significant digits!

x	y
1.0	1
1.5	
2.0	2
2.5	
3.0	4
3.5	
4.0	8
4.5	
5.0	16

Note that the x -values are still in arithmetic progression, so all y -values should still be in geometric progression.