	-	be geometric o	or arithmetic. If possible find
the common ratio or common difference.			
1.)1.1,-3.3,9.9,-29.7,89.1,		2.) -18, -7, 4, 15, 26,	
211.2 < 24.120.720			
3.) 1, 2, 6, 24, 120, 720,		4.) 3125,2500,2000,1600,1280	
Find the 10 th term of each g	neometric seque		
5.) 1600,800,400,200,		6.) 0.0000001,0.00001,0.001,.1,	
7.) -64,96,-144,216,		8.) 2, -6, 18, -54,	
Find the 8 th term of the geometric sequence with the given terms.			
9.) $a_3 = 12, a_6 = 96$		10.) $a_{15} = 100, a_{17} = 25$	
11.) $a_{11} = -4, a_{13} = -36$		12 a - 4a - 36	
$11.1 \ a_{11} = -4, a_{13} = -50$		12.) $a_3 = -4, a_5 = -36$	
Find the geometric mean of each pair of numbers.			
13.) 2 and 8	14.) 4 and 25		15.) 2 and 3
Find the indicated sum for each geometric series.			
16.) S_7 for 14,42,126,378		17.) $\sum_{k=1}^{8} (-4)^{k-1}$	
		k=1	

34.) Deanna received an e-mail asking her to forward it to 10 other people. Assume that no one breaks the chain and that there are no duplicate recipients. How many e-mails will have been sent after 8 generations, including Deanna's.

GSE Algebra II

Day 7.5 - Classwork

Name:_____

Date:_____

Geometric Sequences and Series