

Exponential Cover Page; What I know and can do

Question	First Day	Last Day
What is a geometric sequence?		
What is a series?		
Is the following equal or not? $\sum_{k=1}^n (a_k + 1) = 1 + \sum_{k=1}^n a_k$ <i>(reasoning)</i>		
If $(a_n)_{n \in \mathbb{N}}$ is a geometric sequence with $a_4 = 36$ and $a_6 = 4$, then what is a_{10} ? <i>(solving)</i>		
Write the following series in sigma notation in two different ways. $S = 80 - 40 + 20 - 10 + \dots$ <i>(communication)</i>		

Question	First Day	Last Day
What is Euler's number?		
Sketch $f(x) = -2^x + 1$ <i>(communicating)</i>		
What is a logarithm?		
Solve for x $\log x - 2 \ln x = 1$ <i>(reasoning)</i>		
Solve for x $2e^{-0.1(x+1)} + 3 = 4$ <i>(solving)</i>		

