





**-100**

-100 \* 0.9

**-1000\*0.9\*0.9\*0.9**

**-1000\*0.9\*0.9**

-1000\*0.9\*0.9\*0.9\*0.9















Factor out -1000:

**-1000**











0.92

0.93







4











5







9















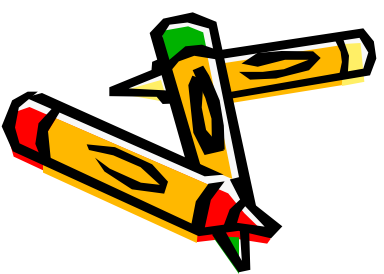


0

.

9

0.94




$$\begin{aligned} & -100( \textcolor{red}{1} + \textcolor{red}{0.9} + \textcolor{red}{0.9^2} \\ & + \textcolor{red}{0.9^3} + \textcolor{red}{0.9^4} + \textcolor{red}{0.9^5} \\ & \quad + \textcolor{red}{0.9^6} + \textcolor{red}{0.9^7} + \dots \end{aligned}$$


This infinite sum of terms  
equals:

