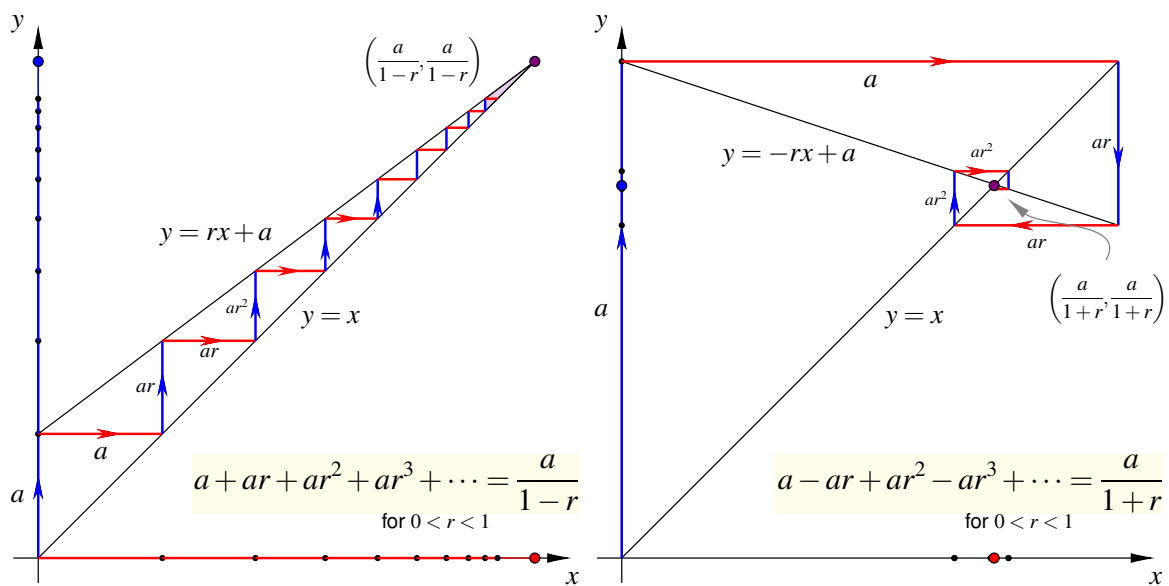
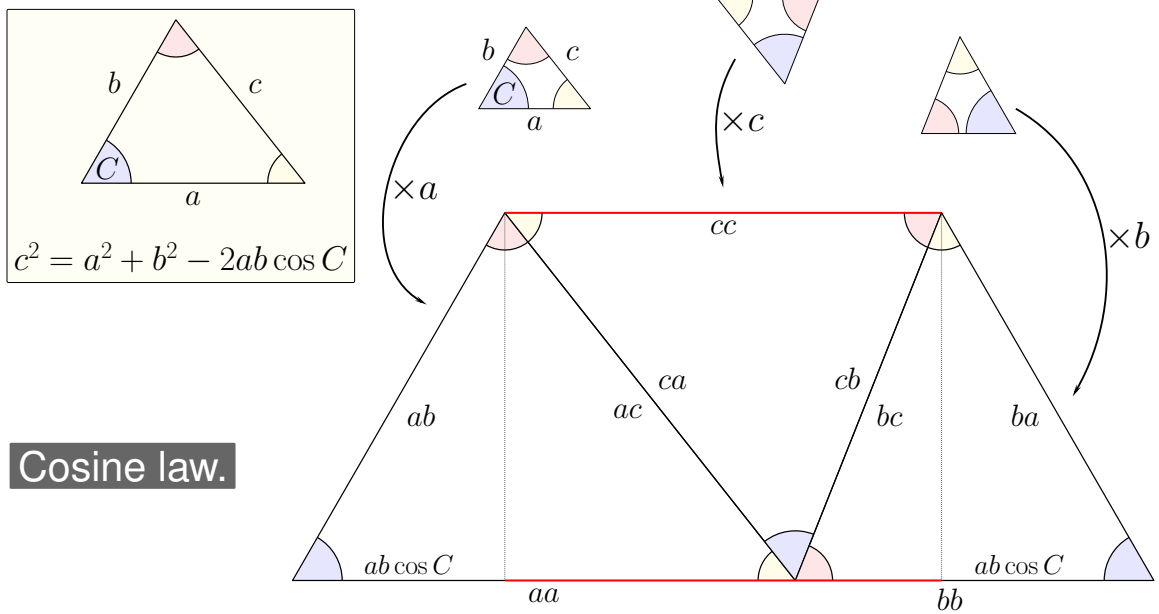


## Proofs Without Words (Series 1)

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**The geometric series:**  $\sum_{n=0}^{\infty} ar^n = a/(1-r)$  for  $a \in \mathbb{R}$  and  $r \in (-1, 1)$ .