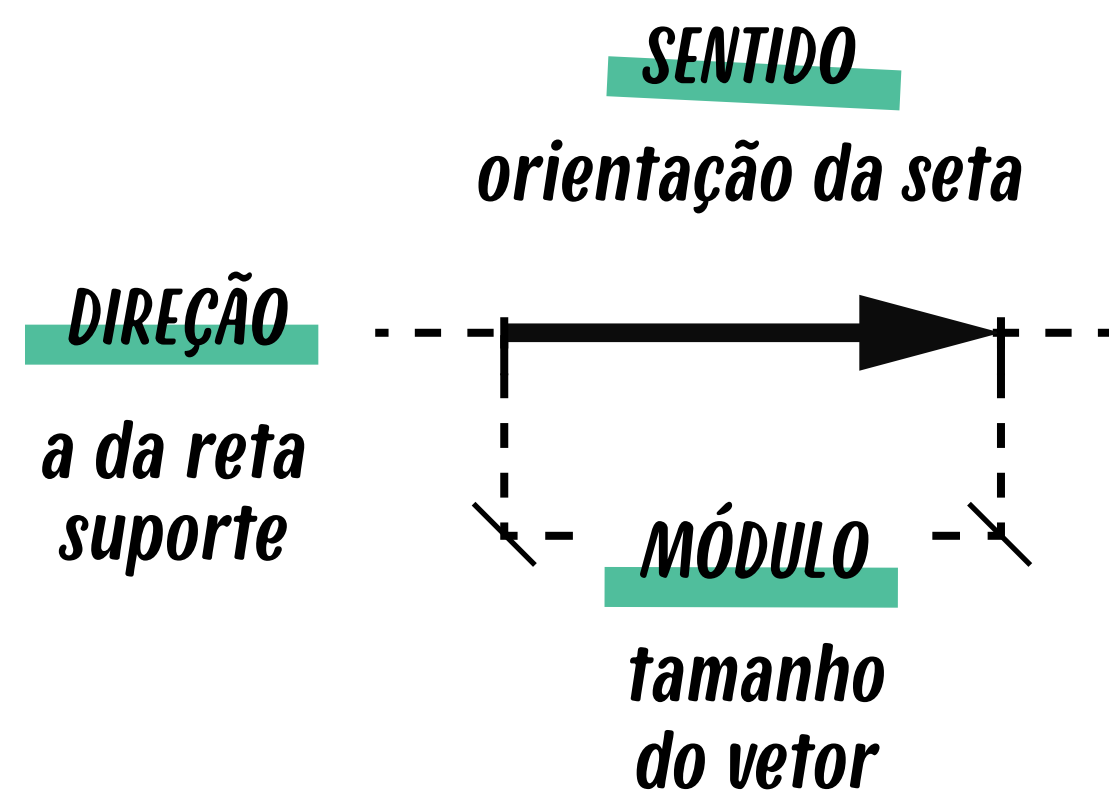


# COMO ASSIM?



## ATENÇÃO!

Não confunda  
direção com sentido!

Somar vetores  
é diferente de  
somar escalares

teorema  
de Pitágoras

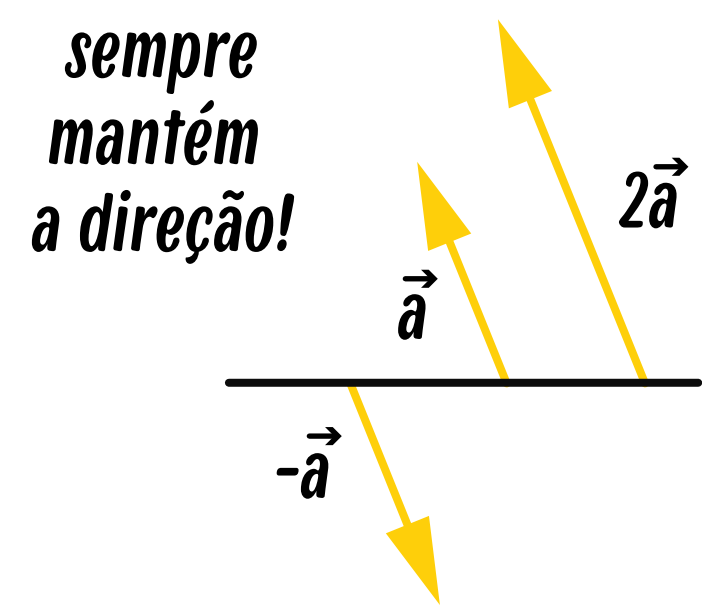
LEI DOS COSENOS  
 $S^2 = a^2 + b^2 + 2 \cdot a \cdot b \cdot \cos \theta$

vetor oposto

d

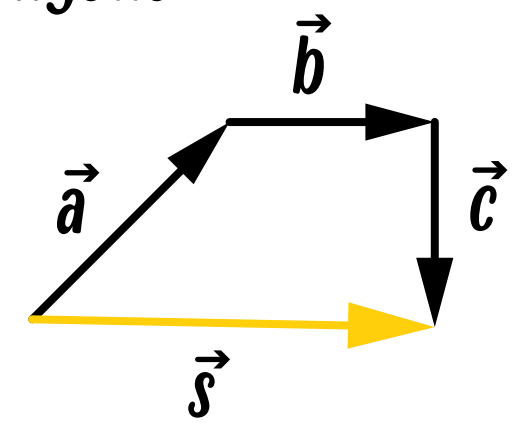
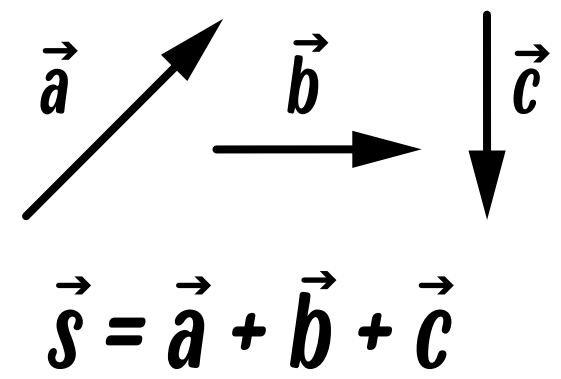
# PROPRIEDADES

## MULTIPLICAÇÃO ESCALAR

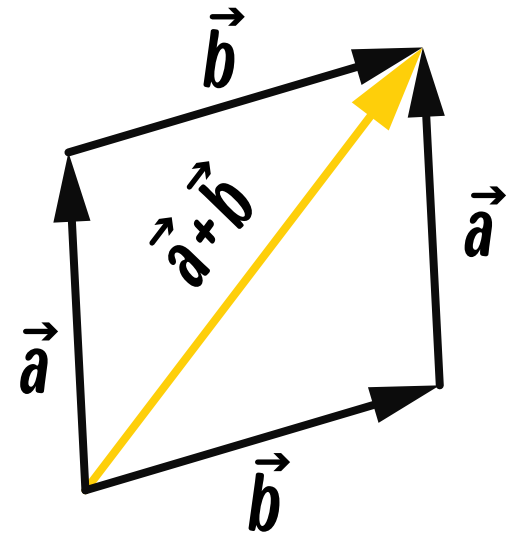


## ADIÇÃO

Regra do Polígono

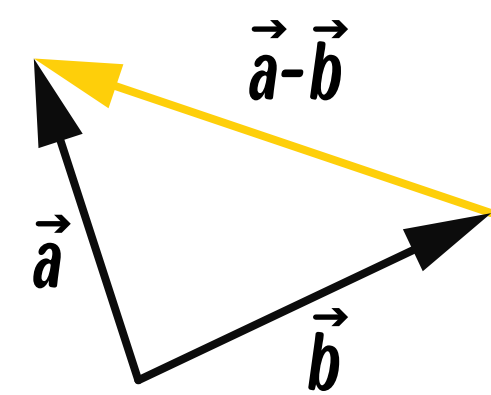


Regra do Paralelogramo



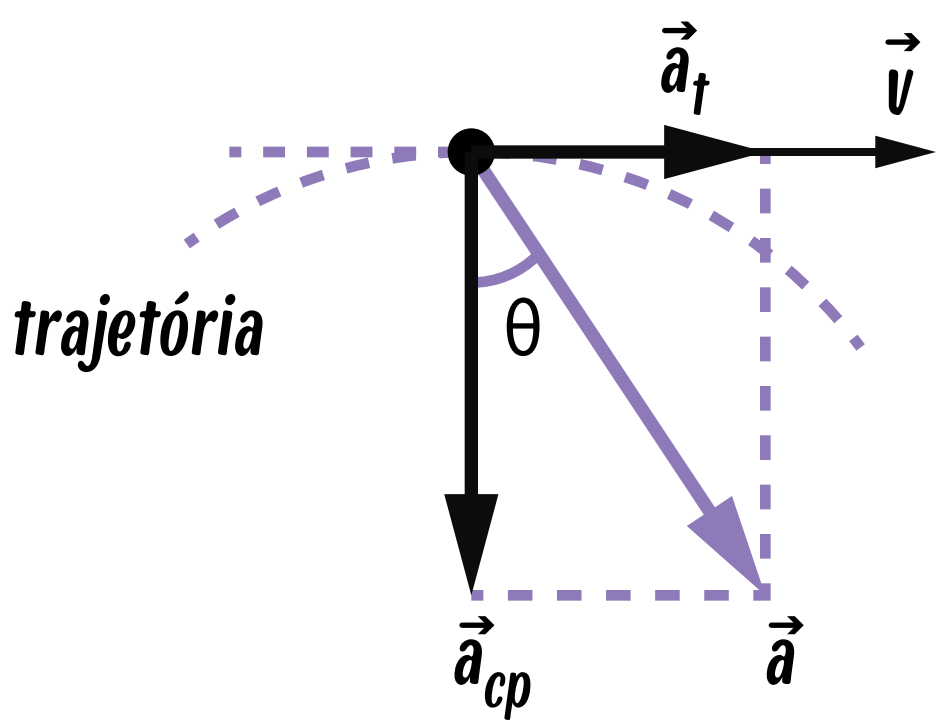
## SUBTRAÇÃO

vetor oposto

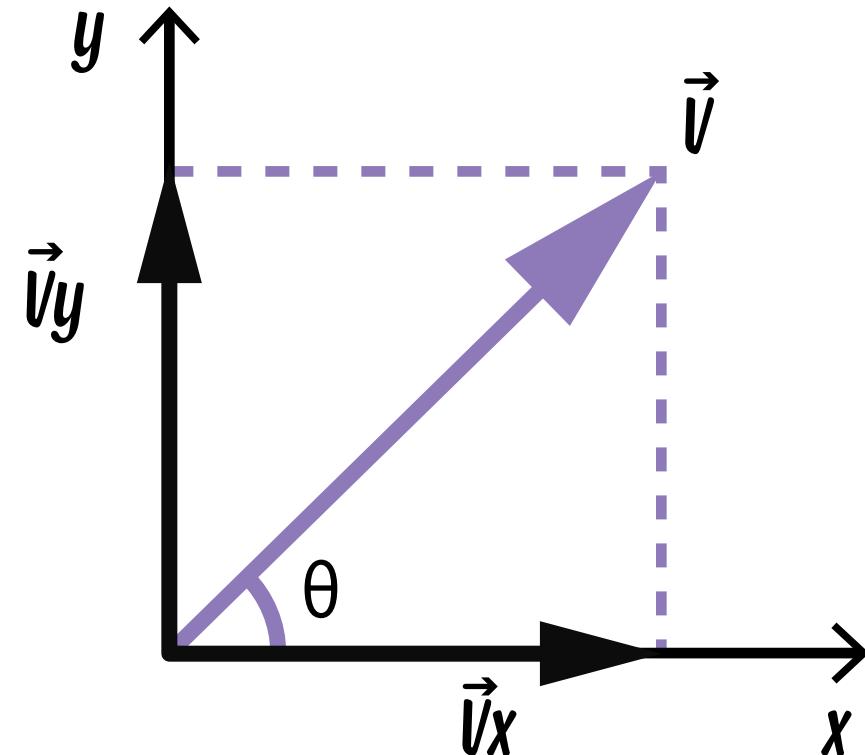


# VETORES

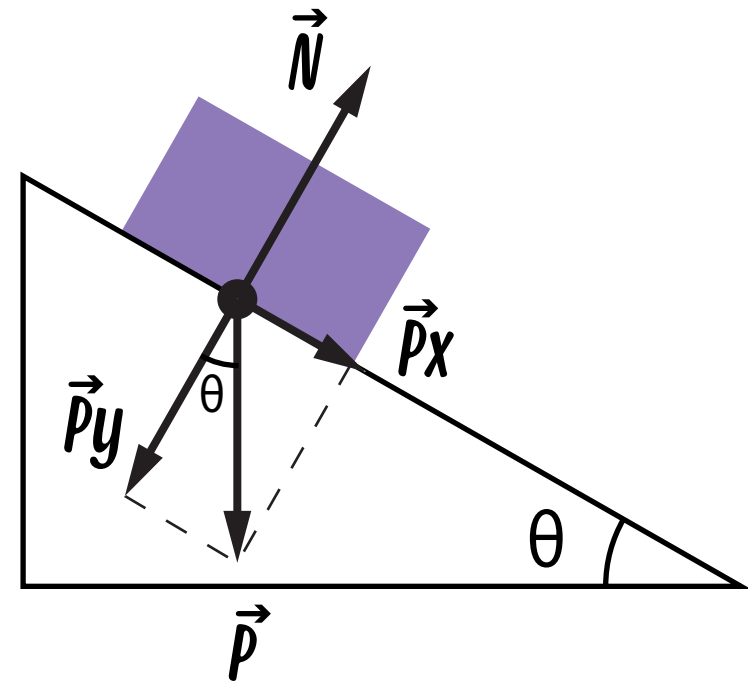
## DECOMPOSIÇÃO DE VETORES



## LANÇAMENTO OBLÍQUO



## PLANO INCLINADO



# APLICAÇÕES