

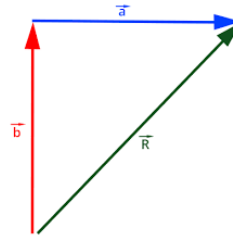
# Vetores:

- Soma Vetorial:

Método do Polígono:



3. Vetores Perpendiculares:

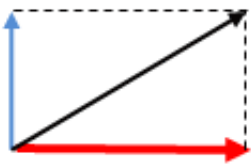


$$FR = Fa + Fb$$

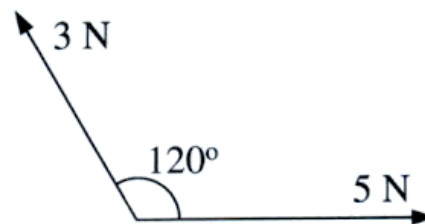
Método do Paralelogramo:

- até 2 vetores apenas

$$\alpha = 90^\circ \Rightarrow \theta = 90^\circ$$



4. Vetores de mesmo módulo com um ângulo de  $120^\circ$

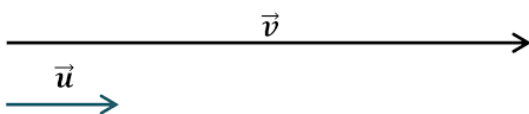


$$FR^2 = F1^2 + F2^2 + 2 \times F1 \times F2 \times \cos 120^\circ$$

$$R^2 = a^2 + b^2 + 2 \times a \times b \times \cos 60^\circ$$

Casos especiais:

1. Vetores paralelos: SOMA



2. Vetores Anti Paralelos: SUBTRAI

