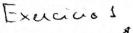
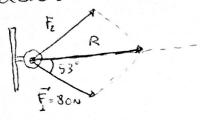
Atividade de Física Semana 2





Usando a lei dos senos:

Mu 127° Cor x - Mu x Cor 127 = 2 sen x

0,8 cord + 0,6 send = 2 rend

0,8 cord = 1,4 send

Usando cos²x + ren²x = 1

(1,75,2en x)2+ sen2x=1

3 sent a + sen 2 x = 1

4 sen3 = 1

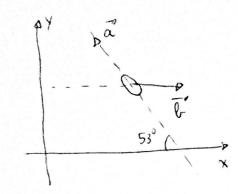
Mud=12 logo d=30°

send=-1/2=0 o vetor esta nos quadrante Para achar  $F_2$  tema que usar  $R^2 = F_1^2 + F_2^2 + 2F_1F_2 \cos \theta$  $\theta = 30^\circ + 53^\circ = 83^\circ$ 

$$F_2^2 + 19.5F_2 - 19.200 = 0$$

Resolvendo essa equação de 2 que temes:

## Exercico 2



a) Deslocamos a origen sobre o

Dance

127

L

L'expression analities são:

$$\sqrt{a} = -6\hat{\lambda} + 8\hat{\delta}$$
  $V_{\alpha} = (-6.8)$ 

 $\frac{127^{\circ}}{\sqrt{2}} = \sqrt{2} + \sqrt{2} + 2\sqrt{2} + 2\sqrt{2} = 0$   $\sqrt{2} = \sqrt{2} + \sqrt{2} + 2\sqrt{2} = 0$   $\sqrt{2} = 10^{2} + 6^{2} + 2 \cdot 10 \cdot 6 \cdot (-0.6)$   $\sqrt{2} = 64 \quad |V = 8 \text{ m/s}|$