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$$R_x = \sum F_x = 400 + 400 \cos 60^\circ = 600 \text{ N}$$

 $R_y = \sum F_y = 400 \sin 60^\circ = 346 \text{ N}$
 $\Rightarrow R = 600 i + 346 j \text{ N}$
 $R = \sqrt{600^2 + 346^2} = 693 \text{ N}$

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