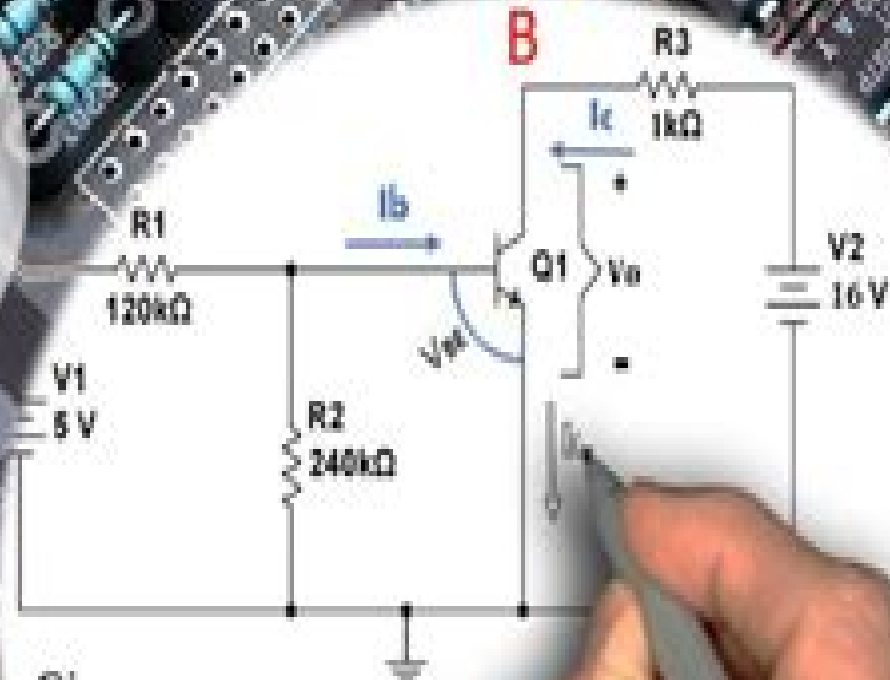


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Given

$$\beta = 160$$

$$V_{BE} = 0.7 \text{ V}$$

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