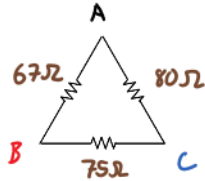


Resistive Delta-Y Conversion

Identify the general use formula used to convert a delta configuration to an equivalent Y configuration. Use the general use formula to derive the specific formulas for Y resistors R_1 , R_2 , and R_3 .

Convert this a delta configuration to an equivalent Y configuration.

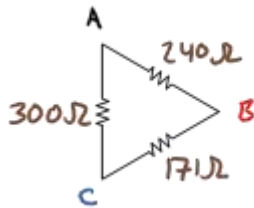


Identify the general use formula used to convert a Y configuration to an equivalent delta configuration. Use the general use formula to derive the specific formulas for delta resistors R_{AB} , R_{BC} , and R_{CA} .

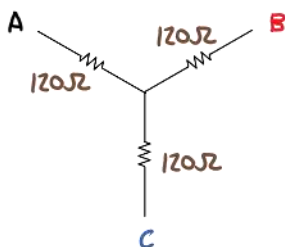
Convert this Y configuration to an equivalent delta configuration.



Convert this a delta configuration to an equivalent Y configuration.



Convert this Y configuration to an equivalent delta configuration.



Identify a conversion shortcut for balanced delta and Y configurations composed of identical resistors.