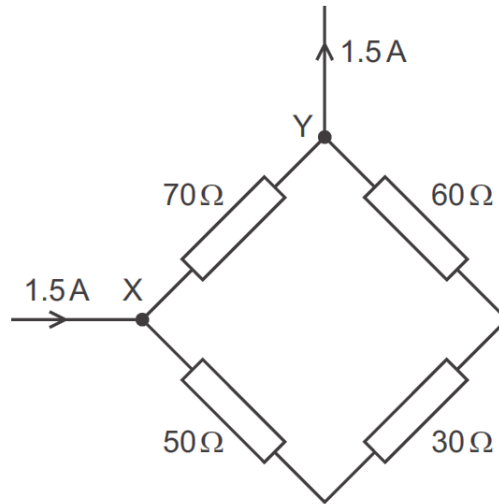


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Four different resistors are arranged as shown.

A current of 1.5 A enters the network at junction X and leaves through junction Y.



What is the current in the $30\ \Omega$ resistor?

A

0.21 A

B

0.50 A

C

0.75 A

D

1.0 A