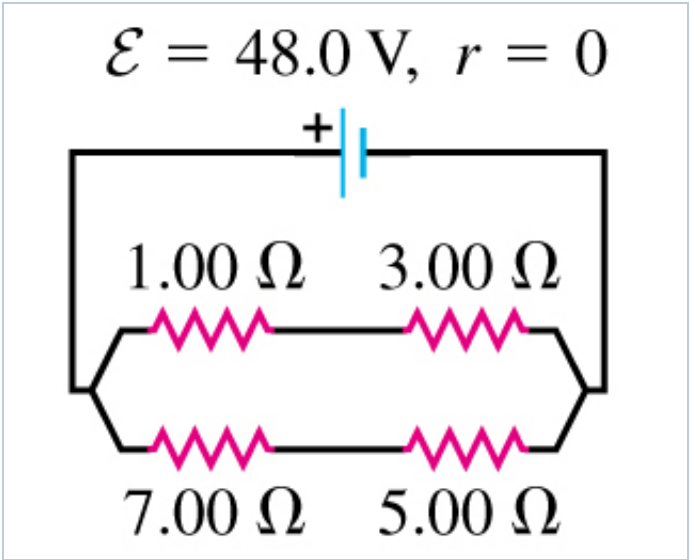
Exercise 26.14

Part A

Compute the equivalent resistance of the network in the figure The battery has negligible internal resistance.



ANSWER:

R_{eq} = 3.00 Ω

Correct

Part B

Find the current in 1.00Ω resistor.

ANSWER:

I = 12.0 A

Correct

Part C

Find the current in 3.00Ω resistor.

ANSWER:

I = 12.0 A

Correct

Part D

Find the current in 5.00Ω resistor.

ANSWER:

I = 4.00 A

Correct

Part E

Find the current in 7.00Ω resistor.

ANSWER:

I = 4.00 A

Correct