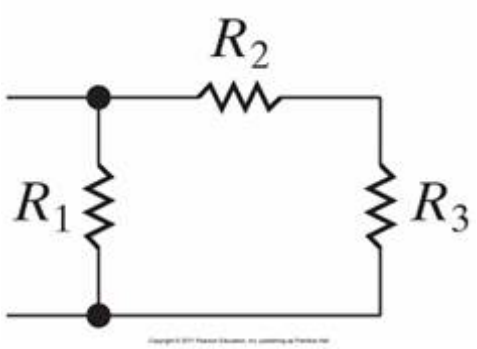
Started on	Wednesday, 21 September 2016, 3:41 PM
State	Finished
Completed on	Wednesday, 21 September 2016, 3:46 PM
Time taken	5 mins 20 secs
Grade	**100.00** out of 100.00

Question 1

Correct

Mark 40.00 out of 40.00



Q3a

Given: $R_1 = 1944\ \Omega$ (Ohms) $R_2 = 4718\ \Omega$ (Ohms) $R_3 = 4364\ \Omega$ (Ohms)

Find the equivalent resistance R_{Eq}.

Answer: 1601.25

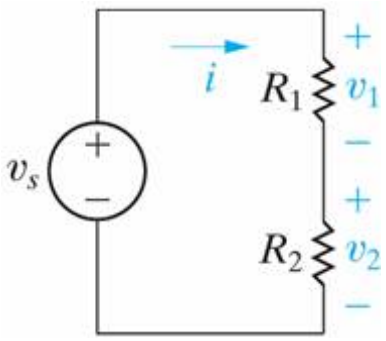
Calculated question

The correct answer is: 1601.25

Question 2

Correct

Mark 60.00 out of 60.00



Quiz 3-2d

Given:

v_s = 60 Volts R_1 = 300 Ω (Ohms) R_2 = 500 Ω (Ohms)

a) Find the voltage v_1. v_1 = 22.5 ✓ Volts

b) Find the voltage v_2. v_2 = 37.5 ✓ Volts

c) Find the current i. i = 75 ✓ mA (milli Amp)

Numeric Answer

a) v_1 = 22.50 Volts

b) v_2 = 37.50 Volts

c) i = 75.0 mA (milli Amp)