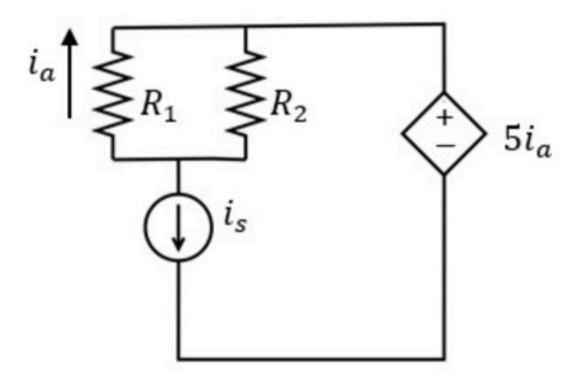
Basic analysis 005

Problem has been graded.

Find the power supplied by the dependent source.



Given Variables:

R1:5 ohm

R2:20 ohm

is:5A

Calculate the following:

P (W):

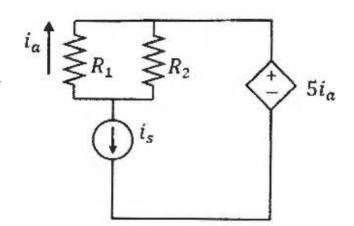
Hint: Use current divider

Find the power supplied by the dependent source.

 $R1 = 14 \Omega$

 $R2 = 7 \Omega$

is = 3 A



$$L_{\alpha} = (-3) \cdot \frac{R_2}{R_1 + R_2} = -3 \cdot \frac{7}{21} = -11$$

[PASSIVE SIGN

CONVENTION)