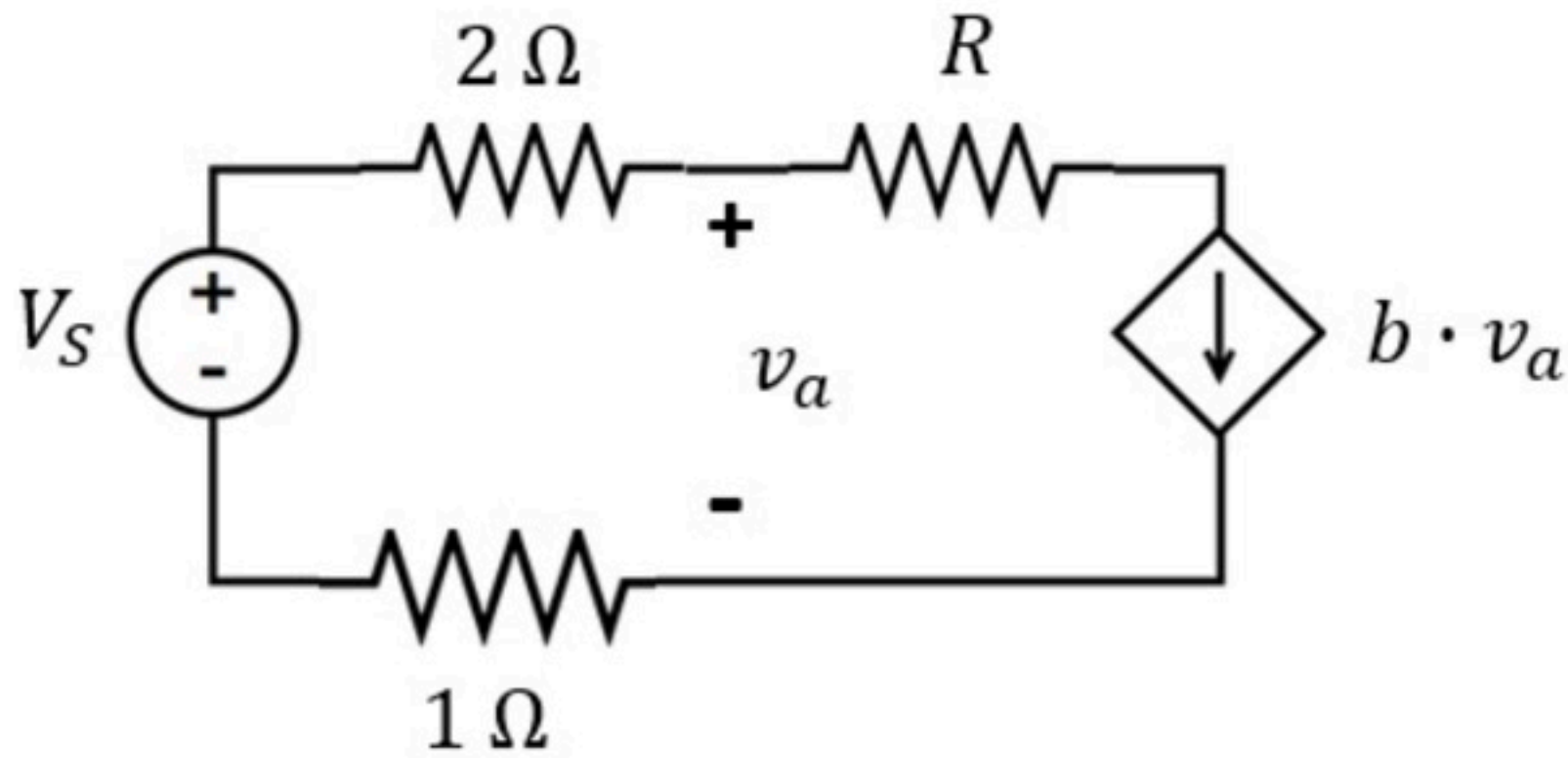


Basic analysis 013

No more attempts left.

Find v_a .

What is the power P received by the dependent source?



Given Variables:

$V_S : 7\text{ V}$

$R : 2\text{ ohm}$

$b : 2\text{ A/V}$

Calculate the following:

$v_a\text{ (V)} :$

$P\text{ (W)} :$

Hint: KVL also works when the voltage drop is not across an element.