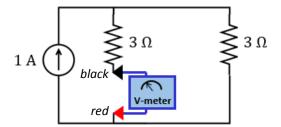
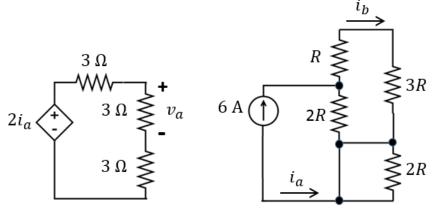
ECE 35, Fall 2018	Last name	
Quiz 1	First + middle name(s)	
	PID	

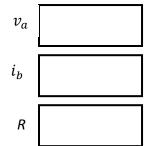
## Instructions:

- Read each problem completely and thoroughly before beginning
- All calculations need to be done on these sheets
- Write your answers in the answer boxes for each question. Make sure you list units!
- Answers without supporting calculations will receive zero credit
- (1) What is the reading of the volt meter? (2 points)

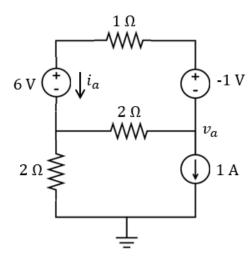


- (2) (a) Find  $v_a$  and  $i_b$ . (2 + 2 points) (b) Find the value of  $\it R$  such that the power supplied by the current source is 12 W. (2 points)





(3) Find  $i_a$  and node voltage  $v_a$ . (6 points)



$i_a$	
$v_a$	

