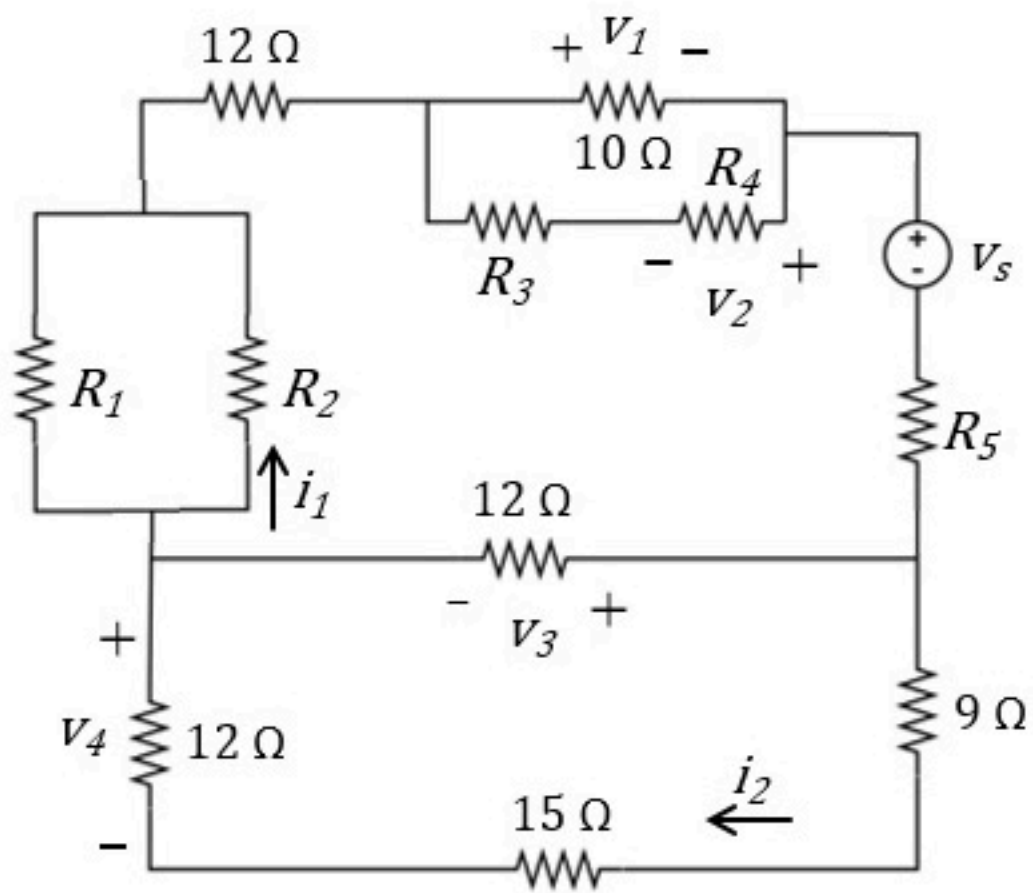


# Basic analysis 012

Problem has been graded.

Determine the voltages  $v_1$ ,  $v_2$ ,  $v_3$  and  $v_4$  and the currents  $i_1$  and  $i_2$ .



Given Variables:

$v_s$  : 80 V  
 $R_1$  : 24 ohm  
 $R_2$  : 8 ohm  
 $R_3$  : 6 ohm  
 $R_4$  : 9 ohm  
 $R_5$  : 7 ohm

Calculate the following:

$v_1$  (V) :

$v_2$  (V) :

$v_3$  (V) :

$v_4$  (V) :

$i_1$  (A) :

$i_2$  (A) :