Name_____

Use the method of superposition to find the values of v_{R2} and v_{R6} in the circuit at right.

 $v_{R2} = \underline{\hspace{1cm}}$

		^K ₃ 40 Ω		
V _S (+) 180 V	$ \begin{array}{c c} R_1 & I_2 \\ \downarrow & \downarrow \\ 30 \Omega & + \\ R_2 & \downarrow \\ 60 \Omega & - \end{array} $	$R_4 \gtrsim 0$	$ \begin{array}{c} R_5 \\ 20 \Omega \end{array} $ $ \begin{array}{c} R_6 \\ 25 \Omega \end{array} $	+

 $v_{R6} =$ _____