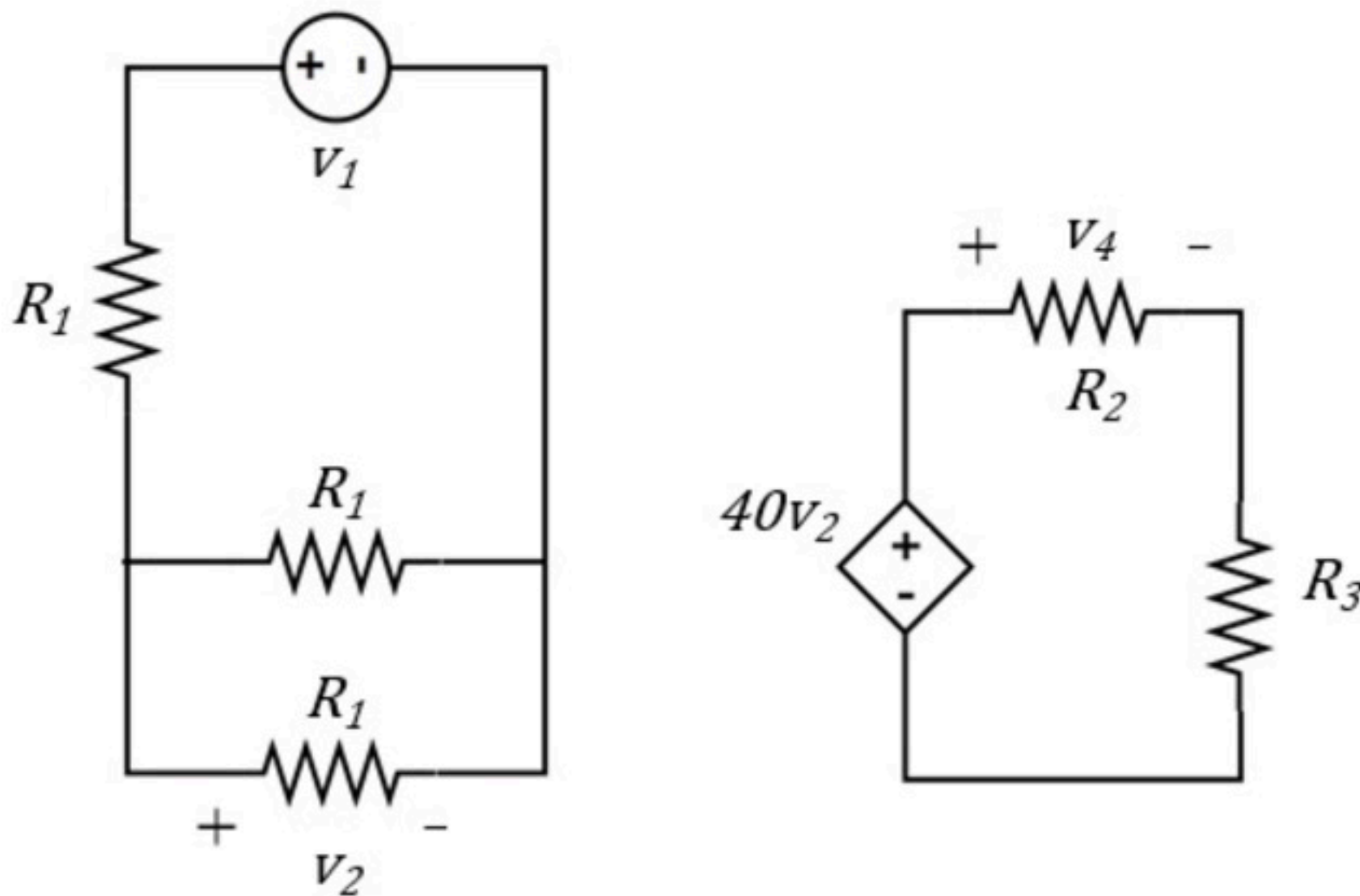Problem has been graded.

In this circuit, v_1 is an input, but you don't know what its value is. Find v_4 as a function of v_1.

More specifically, find $X = \dfrac{v_4}{v_1}$.

Given Variables:

R1 : 10 ohm

R2 : 3 ohm

R3 : 5 ohm

Calculate the following:

X (V/V) :