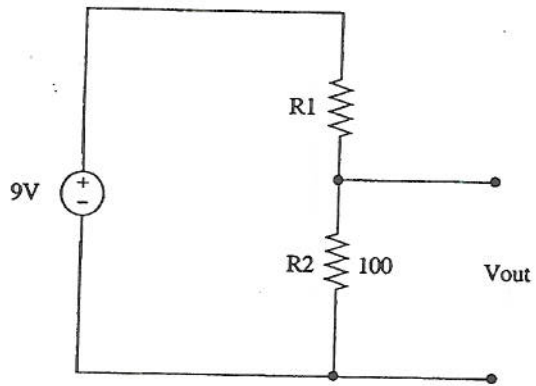


22. For the circuit shown below, find the value of R_1 that causes V_{out} to be 3V.



$$R_1 = 200\Omega$$