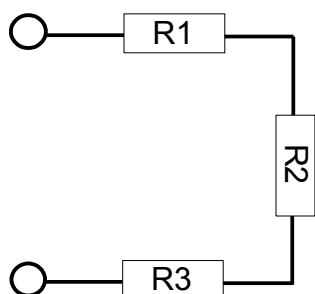


# Simple Series-Parallel Resistive Circuits

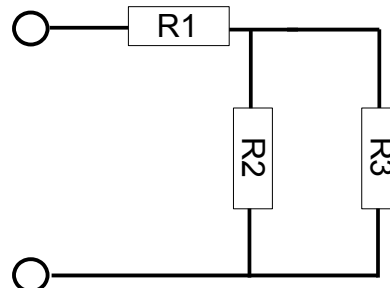
Below are all the different types of circuits that are used in the online resistances quiz.

- All circuits are supplied with 5V at the two ends ("O")
- The values of all resistances are given in each question in the quiz
- Your answers for resistance and voltage should be given in the base units for: resistances in Ohms ( $\Omega$ ) and voltages in Volts (V); but currents should be given in milliAmps (mA)
- Ohm's law is:  $V = I \cdot R$
- Refer to this sheet when doing the quiz

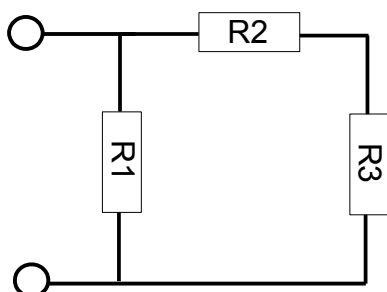
Circuit 1



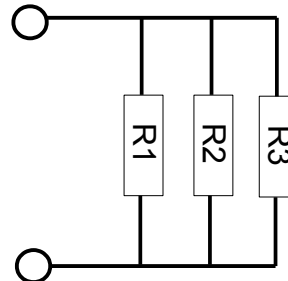
Circuit 2



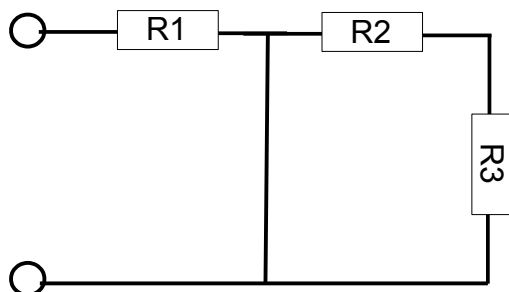
Circuit 3



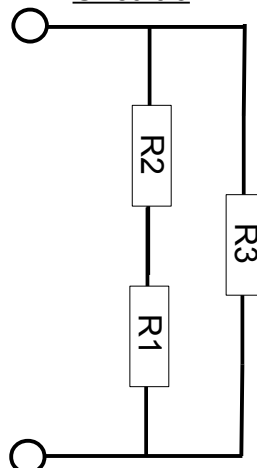
Circuit 4



Circuit 5



Circuit 6



Circuit 7

