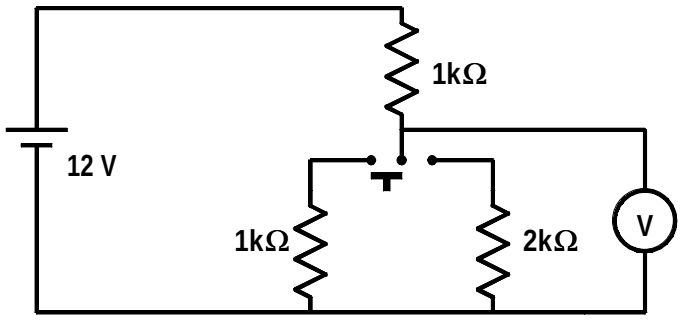
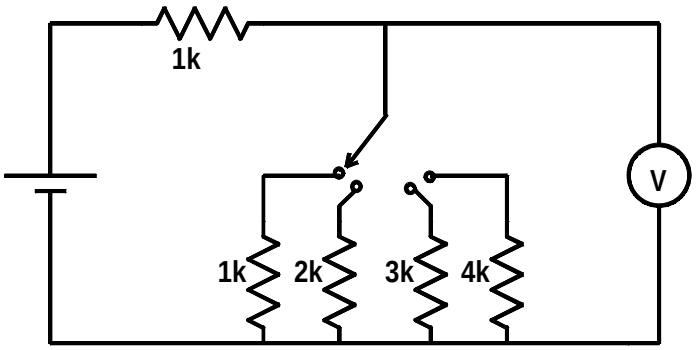
4 Potential divider



The slide switch is a make-before-break type When the switch changes over, the output voltage indicated by the voltmeter goes from:

1. 6 V to 8 V
2. 6 V to 4 V
3. 6 V to 12 V
4. 6 V to 4.8 V to 8 V
5. 6 V to 4.8 V to 4 V
6. 6 V to 4 V to 7.2 V
7. 6 V to 7.2 V to 8 V

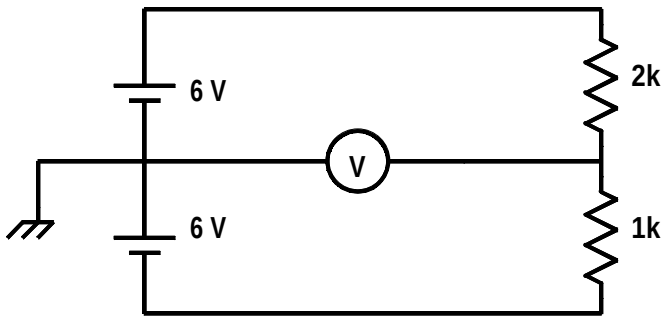
4 Potential divider



The slide switch is a break-before-make type When the switch is rotated clockwise the output voltage

1. always increases
2. always decreases
3. jumps to 0 V during the change and then steadies at an increased value
4. jumps to 12 V during the change and then steadies at an increased value
5. jumps to 0 V during the change and then steadies at a decreased value
6. jumps to 12 V during the change and then steadies at a decreased value

4 Potential divider



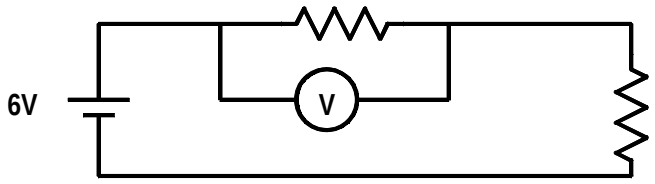
Will the voltage indicated by the voltmeter be

1. greater than zero

2. less than zero

3. zero

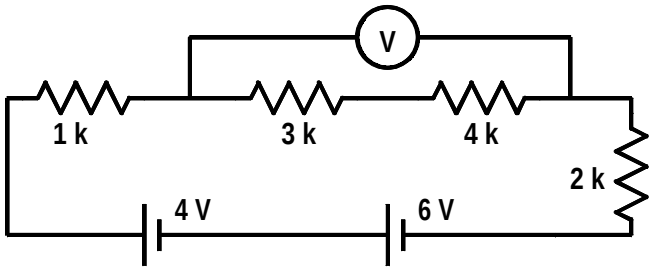
4 Potential divider



The two resistors are equal.
What will be the voltage indicated by the voltmeter?

1. 6 V
2. 0 V
3. 2 V
4. 3 V
5. 12 V

4 Potential divider



The voltage indicated by the voltmeter is

1. 3 V
2. 1.4 V
3. 7 V
4. 2 V
5. 10 V