

Ideas for Quiz 2

A circuit with 2-3 lamps is given. Which lamp is brighter?

Two circuits with similar 1-2 batteries and 2-3 lamps are given. Tell which lamps will be the brightest and which will be the dimmest.

Calculate total resistance of a circuit with 3-4 resistors connected in parallel and in series.

Calculate resistance when voltage or current are known, or voltage when resistance and current are known, or current when voltage and resistance are known.

Calculate power for a circuit.

Instead of one battery use two or three. Keep resistance the same. How power changes?

