



## Activity 11



Ahmed and Mariam are enjoying learning about **circuits**.

Help Ahmed and Mariam to complete the activity below.

Match the **statement** with the **correct name**.

| Statement                                                                                         |  | Circuit type            |
|---------------------------------------------------------------------------------------------------|--|-------------------------|
| Current divides when it reaches each branch.                                                      |  | <b>Series circuit</b>   |
| Current flows on the same path.                                                                   |  |                         |
| If one device in a breaks, it will not affect the rest of the devices from working.               |  |                         |
| There is only one pathway.                                                                        |  |                         |
| Adding branches does not affect the current available for each branch.                            |  |                         |
| The amount of current for each device is reduced when more devices are added to a series circuit. |  | <b>Parallel circuit</b> |
| There can be many pathways.                                                                       |  |                         |
| If one device breaks, the whole circuit will not work.                                            |  |                         |
| Current moves through one device and then through the next.                                       |  |                         |
| The current is split into separate paths                                                          |  |                         |