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1. Objectives

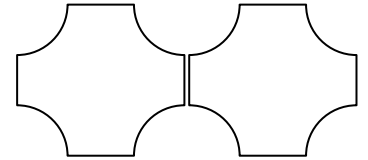
1. Recognize the color code for 3 different resistors
2. Recognize and correctly operate the four basic instruments in the basic electric lab:
 - a. DC Power Supply (DCS)
 - b. Digital Multimeter (DMM)
 - c. Function Generator (FG)
 - d. Oscilloscope (OSX)
3. Learn the basic Safety Rules of the lab

| | | | | |
|-------------|-------------|---------------|--------------|--------------|
| 0 black (K) | 1 brown (B) | 2 red (R) | 3 orange (O) | 4 yellow (Y) |
| 5 green (G) | 6 blue (U) | 7 violent (V) | 8 gray (A) | 9 white (W) |

Figure (1): Resistors Color Code

2. Equipment

- | | |
|---|-------|
| <input type="checkbox"/> DC Supply | Qty = |
| <input type="checkbox"/> Function Generator | Qty = |
| <input type="checkbox"/> Digital Multimeter | Qty = |
| <input type="checkbox"/> Oscilloscope | Qty = |
| <input type="checkbox"/> Other: | |



3. Experiment Steps

Experiment (1.1):

Experiment (1.2):

Experiment (1.3):

