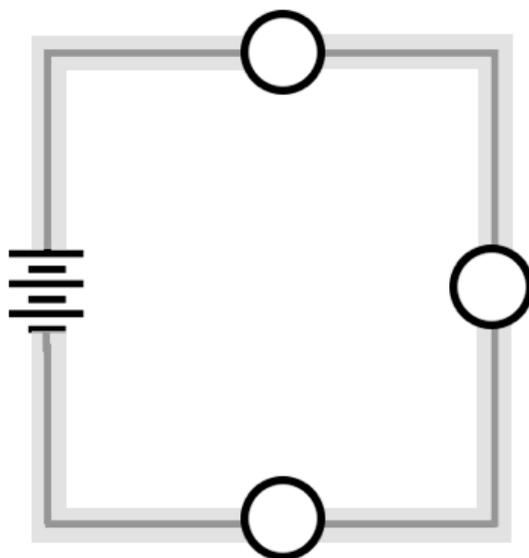


Know Your Potential

Activity 1: Color Those Wires!

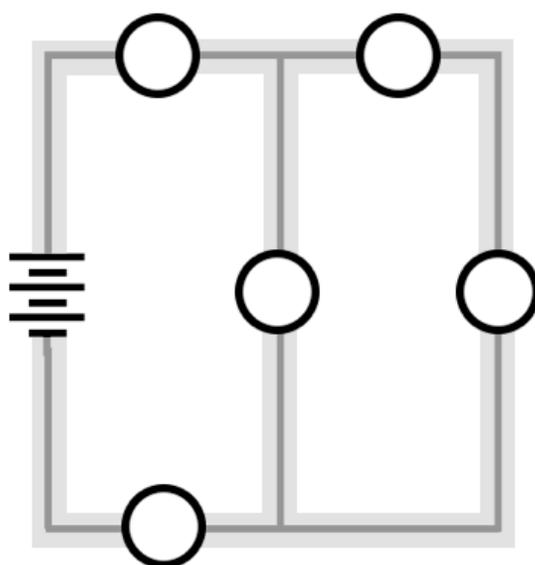
Question 1:

Select a color from the **ROYGB** palette. Tap on a wire to color it. Use the **Check Answer** button once all wires have been colored. **Tip:** Begin with **Red**; then use **Blue**. Then color remaining wires.



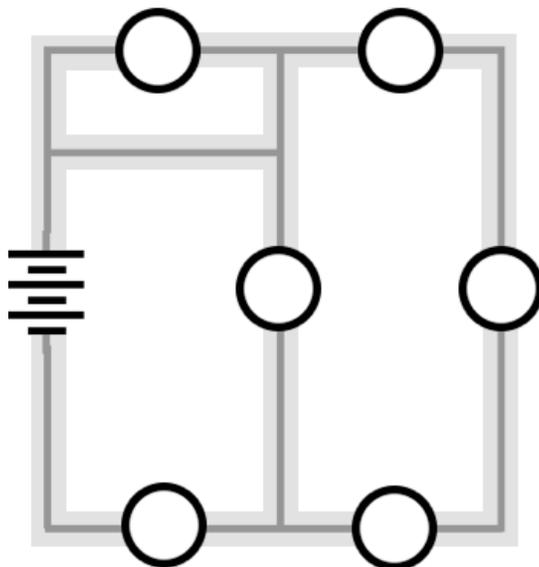
Question 2:

Select a color from the **ROYGB** palette. Tap on a wire to color it. Use the **Check Answer** button once all wires have been colored. **Tip:** Begin with **Red**; then use **Blue**. Then color remaining wires.



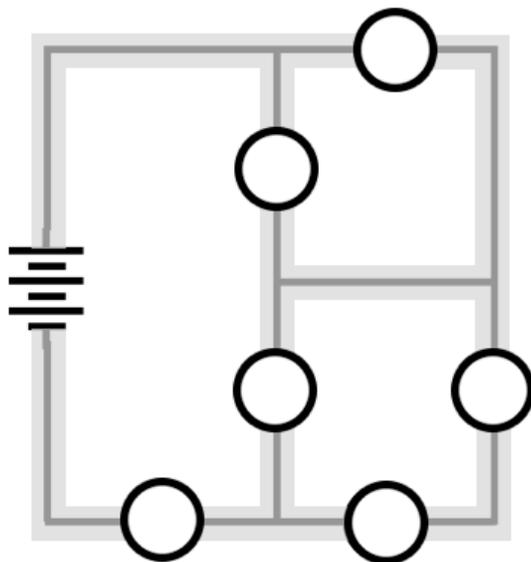
Question 3:

Select a color from the **ROYGB** palette. Tap on a wire to color it. Use the **Check Answer** button once all wires have been colored. **Tip:** Begin with **Red**; then use **Blue**. Then color remaining wires.



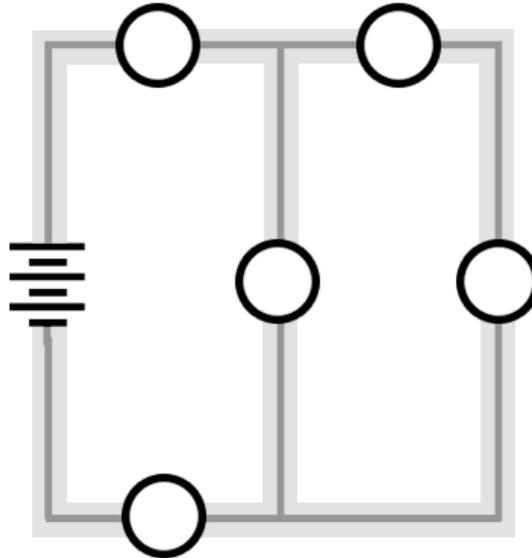
Question 4:

Select a color from the **ROYGB** palette. Tap on a wire to color it. Use the **Check Answer** button once all wires have been colored. **Tip:** Begin with **Red**; then use **Blue**. Then color remaining wires.

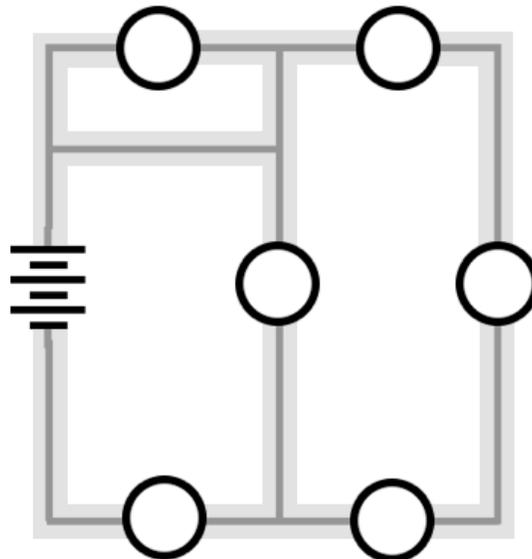


Activity 2: Which Bulbs Light?**Question 1:**

Use the **ROYGB** color palette to color all the wires. Then tap on any bulb that would light. Once done, tap the **Check Answer** button. **Note:** Tapping on a bulb toggles it on and off.

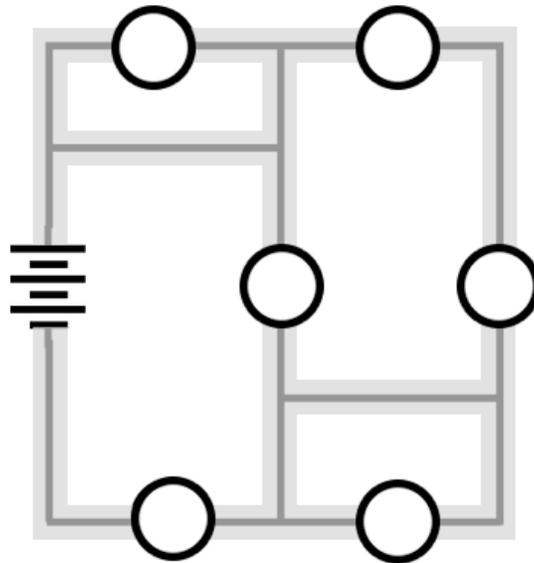
**Question 2:**

Use the **ROYGB** color palette to color all the wires. Then tap on any bulb that would light. Once done, tap the **Check Answer** button. **Note:** Tapping on a bulb toggles it on and off.



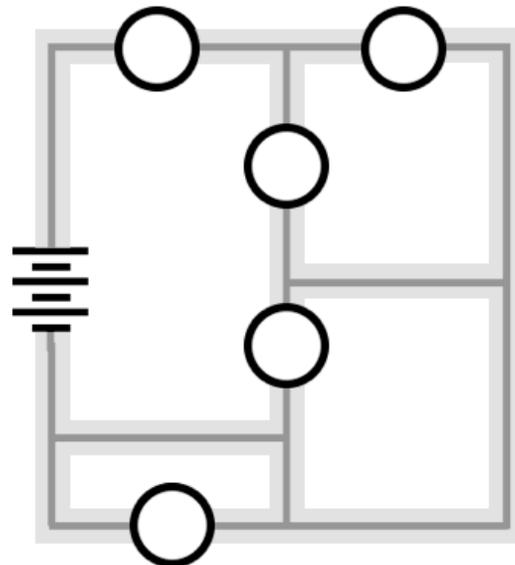
Question 3:

Use the **ROYGB** color palette to color all the wires. Then tap on any bulb that would light. Once done, tap the **Check Answer** button. **Note:** Tapping on a bulb toggles it on and off.



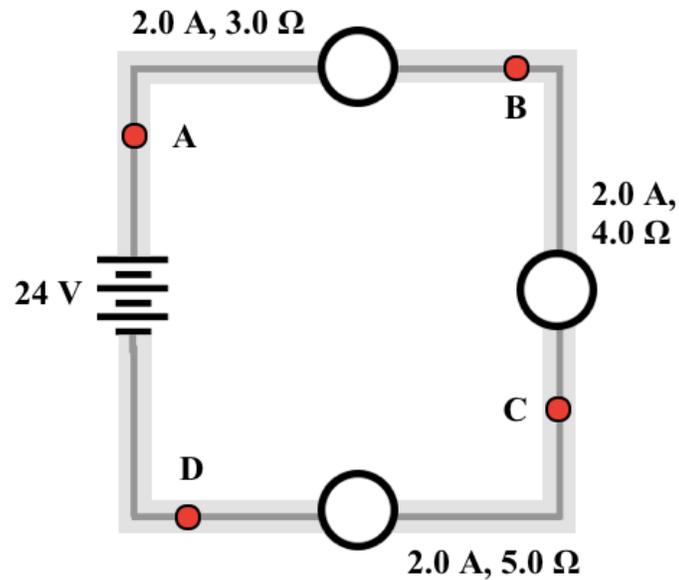
Question 4:

Use the **ROYGB** color palette to color all the wires. Then tap on any bulb that would light. Once done, tap the **Check Answer** button. **Note:** Tapping on a bulb toggles it on and off.

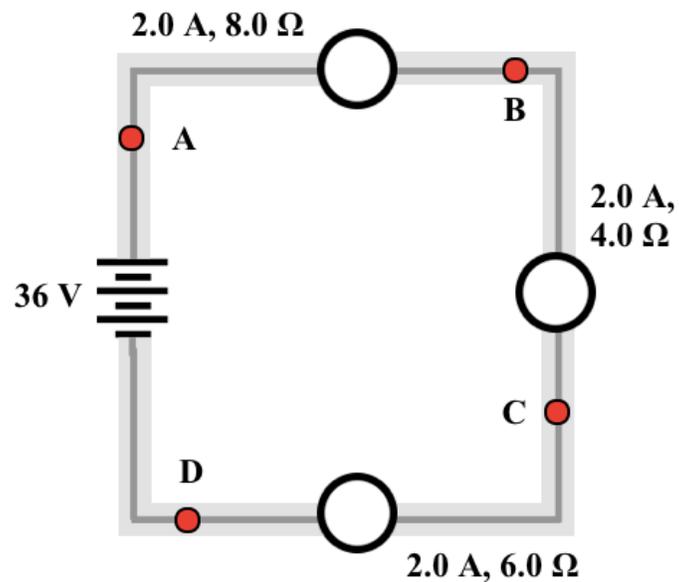


Activity 3: Volt On It!**Question 1:**

The **I** and **R** values are given. Use them to determine the electric potential (in volts) at the four indicated positions. If desired, begin by using the ROYGB palette to color code the wires.

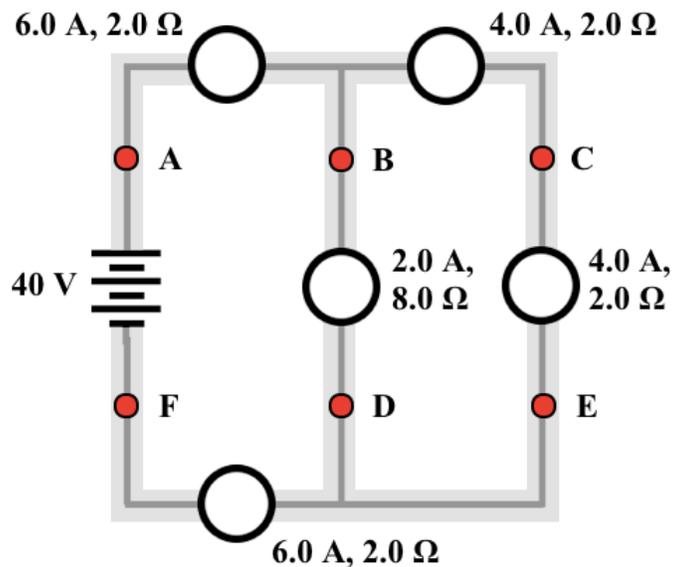
**Question 2:**

The **I** and **R** values are given. Use them to determine the electric potential (in volts) at the four indicated positions. If desired, begin by using the ROYGB palette to color code the wires.



Question 3:

The **I** and **R** values are given. Use them to determine the electric potential (in volts) at the four indicated positions. If desired, begin by using the ROYGB palette to color code the wires.



Question 4:

The **I** and **R** values are given. Use them to determine the electric potential (in volts) at the four indicated positions. If desired, begin by using the ROYGB palette to color code the wires.

