

Squishy Circuits!

Squishy Batteries

The total voltage of batteries in series is the sum of the voltages of the individual batteries.

Add them up!

$$V = V_1 + V_2 + V_3 + V_4$$

Battery	Voltage
1	
2	
3	
4	
Calculated Total (Sum)	
Measured Total	

Check that the total measured voltage of the batteries in series is the same as the calculated sum of the voltages of the batteries. Of course, the sum and the measured total may not be exactly the same, since there may be errors in the individual measurements.

For more information on Squishy Circuits, search for 'squishy circuits' online or visit the squishy circuit webpage at: <http://courseweb.stthomas.edu/apthomas/SquishyCircuits/index.htm>.