

LESSON 7

Lab 1201 Inventory

Watch video Lesson 7



Now you are going to take an inventory of the parts you will use in this lab.

Open up the **Inventory Parts** Bags and take out the parts.

Lay each part on top of its picture on the right.

Be sure to observe the colors on the resistors carefully so each resistor is in the correct spot.

Taking an accurate inventory is a good skill to have.

If any parts are missing, try to obtain those parts before you continue with the experiments.



Practice Quiz

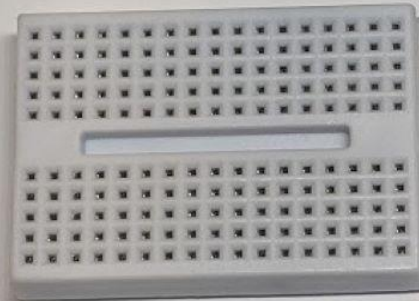
9-volt Battery Snap



(Positive)
Red Wire

+

Solderless Circuit Board



-
Black Wire



LEDs (light-emitting diodes)

RED



YELLOW



GREEN



BLUE



CLEAR



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Answer these questions	Activity Page Lab 1201	Mr Circuit Lab 1201 Inventory	7b
<p>(1) How many resistors are there in this inventory of parts?</p> <p>_____</p> <p>(2) How many LEDs are in the inventory?</p> <p>_____</p> <p>(3) How many different colors of LED are in the inventory?</p> <p>_____</p> <p>(4) A 9-volt battery snap has two wires coming out of it. What are the two colors of insulation on these two wires?</p> <p>(a) _____</p> <p>(b) _____</p>	<p>(5) How many resistors have a value under 1000 ohms?</p> <p>_____</p> <p>(6) How many resistors have a value of over 1000 ohms?</p> <p>_____</p> <p>(7) How many of each color of LED are there?</p> <p>_____</p> <p>(8) How many color bands are on each resistor included in the inventory?</p> <p>_____</p> <p>Copyright Mr Circuit Technology 2023</p>	<p>(9) What is the total quantity of parts in this inventory?</p> <p>_____</p> <p>(10) How many holes does the Solderless Circuit Board have?</p> <p>_____</p> <p>(11) Are the wire leads coming out of the LEDs both the same length?</p> <p>_____</p> <p>(12) What color wire is the positive of the battery snap?</p> <p>_____</p> 