

# Resistor Colour Code Assignment

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Take 10 resistors out of the resistor box and read their codes. YOU MUST HAVE 10 DIFFERENT RESISTORS!! As you read each one of them, check their ACTUAL resistance with a multimeter. Complete the table below.

Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Grey	8
White	9

One mark is given for the CORRECT value of the resistor and one mark for the correct multimeter reading. Look at the example in the table.

Band 1 Colour	Band 2 Colour	Band 3 Colour	Value of Resistor	Multimeter Value
Yellow	Red	Orange	42k ohms	44.1K ohms

**Mark /20**