place.

**LESSON 6** 

Color Code Practice with +/- 1%

The resistors shown all have 5 color

bands and, because the last band

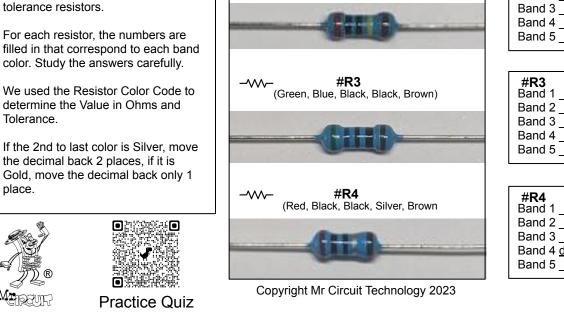
color is Brown, they are all +/- 1%

Watch video Lesson 6

## MR CIRCUIT LAB #1201

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Pictures of +/- 1% Resistors	Numbers filled in	
<pre>/// #R1 (Yellow, Violet, Black, Red, Brown)</pre>	#R1         Number           Band 1         4         Value in Ohms           Band 2         7         47.000 ohms           Band 3         0         0           Band 4         2 zeros         Tolerance ±/- 1%           Band 5         1%         10	
<pre>//- #R2 (Red, Black, Black, Yellow, Brown)</pre>	#R2         Number           Band 1         2         Value in Ohms           Band 2         0         2.000.000 ohms           Band 3         0         Tolerance ±/- 1%           Band 5         1%         1%	
W- <b>#R3</b> (Green, Blue, Black, Black, Brown)	#R3       Number         Band 1       5       Value in Ohms         Band 2       6       560 ohms         Band 3       0       0         Band 4       0 zeros       Tolerance ±/- 1%         Band 5       1%       1%	
M- #R4 (Red, Black, Black, Silver, Brown	#R4         Number           Band 1         2         Value in Ohms           Band 2         0         2 ohms           Band 3         0         0           Band 4         decimal back 2         Tolerance ±/- 1%           Band 5         1%	



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## MR CIRCUIT LAB #1201

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Activity Page Lab 1201	Pictures of +/- 1% Resistors	Fill-in Answers 6b
Let's practice using the Resistor Color Code with some +/- 1% resistors which have 5 color bands.	-///- #R1 (Brown, Gray, Black, Gold, Brown)	#R1         Number           Band 1            Band 2            Band 3            Band 4            Band 5
Fill in your answers on the right-hand column of this page.		#R2 Number Band 1 Value in Ohms Band 2
Remember that 1% resistors have 5 color bands. The same		Band 3            Band 4            Band 5
Color Code colors apply but the tolerance color is Brown and not Gold like the 5%	-///- #R3 (Brown, Black, Black, Red, Brown)	#R3 Number Band 1 Value in Ohms Band 2
resistors.		Band 3            Band 4            Band 5
Take your time. The first 3 colors are numbers followed by the 4th color which is quantity	-///- # <b>R4</b> (Violet, Green, Black, Orange, Brown	#R4 Number Band 1 Value in Ohms Band 2 Band 3
of zeros to add at the end of the first 3 numbers.	-OILB	Band 3            Band 4            Band 5
The fifth color, Brown, is the Tolerance.		
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