place.

LESSON 6

Color Code Practice with +/- 1%

The resistors shown all have 5 color

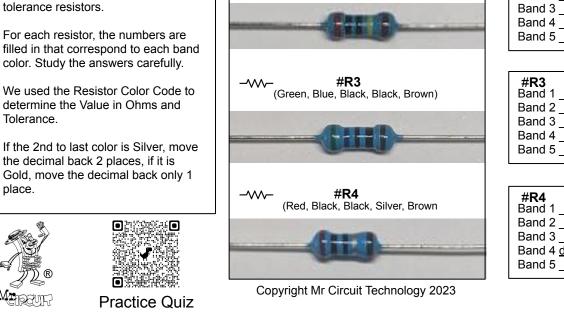
bands and, because the last band

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

Watch video Lesson 6

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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- #R3 (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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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	-///- # R4 (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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