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PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

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1. Refer to the picture on the left.

This advertisement sign uses yellow, green, blue, and red LED light sources. Suppose we use a glass prism to decompose the light of those (separately, one by one). What color(s) will be observed after the prism?

2. Using Slide #10 of Lecture 22 (“Luminescent Spectrum”, we did not have enough time to cover it in class), can you sketch the corresponding LED *spectra* (this is just the plural form of spectrum:~) below?

