**Related vocabulary, and abbreviations:**

**HOW SMALL IS THE VISIBLE SPECTRUM?**

EMS: electromagnetic spectrum

VL: visible light

Emit: to give, to send out

Spectrum: is an ordered sequence that has a starting and ending point.

**Question: How small is the VL compared to the whole EMS?**

A theoretical experiment was designed to answer this question. A wheel of a \_\_\_movie film\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_, representing the entire EMS was used. According to the experiment, this wheel can be stretched \_\_\_2500\_\_\_\_\_\_\_\_\_\_\_\_ miles from California to \_\_\_\_\_Alaska\_\_\_\_\_\_\_\_\_\_.

The section, containing the VL would fall somewhere in the middle, near the \_\_\_UW\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Bruce Balick, one of the Physics professors of the university, shows the frames of the VS, emphasizing that the whole VS is only \_\_\_\_one\_\_\_\_\_\_\_\_\_ frame long among the whole EMS.

What is striking about this is, it is everything that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ can \_\_\_\_\_\_\_\_\_\_\_!

He also points that the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of this frame is the stars emit almost all of their lights in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ part of the spectrum.

Mrs. Sunkel / ( Ms. Sun) ☺