

## Observing the Universe

Use what you have learned during the lesson to answer the questions to the best of your ability.

1. [ True / False ] A single telescope can observe light from all wavelengths.
2. [ True / False ] The universe can be fully explained by what scientists have observed in visible light.
3. [ True / False ] Some objects can be viewed in multiple wavelengths.
4. [ True / False ] Images of the universe in different wavelengths will look the same.
5. [ True / False ] The temperature of an object is an indication of how much energy it emits.
6. Sort the electromagnetic spectrum in terms of *decreasing* energy.

Most Energetic \_\_\_\_\_ Least Energetic

7. Compare *logarithmic* scales and *linear* scales. Which one do we use when discussing the electromagnetic spectrum?



