

**Fall 2005 ASTR 1120-001 General Astronomy: Stars & Galaxies.
Temperature Worksheet.**

1. What is temperature?

2. What does absolute zero mean?

3. What are the common units of absolute temperature?

4. Where on Earth has the coldest temperature been reached?

5. When can an object be described by a temperature?

6. What is the conversion factor between degrees and energy called?

7. What is the name of the characteristic spectrum of photons which is described by a temperature?

8. What is Wien's Law?

9. What is the Stefan-Boltzmann Law?

10. What happens when the temperature-energy exceeds the rest mass energy of particles?