**SCI 10 Weather Day 12 – Measuring Weather**

1. p.61 #2, 3
2. Using your text p.54-56, fill in the blanks below:

Weather radar can \_\_\_\_\_\_\_\_\_\_\_\_\_\_ clouds and its main function is to detect \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_. Radio waves are sent out and are \_\_\_\_\_\_\_\_\_\_\_\_\_\_ by \_\_\_\_\_\_\_\_\_\_\_, snow, \_\_\_\_\_\_\_\_\_\_\_\_\_\_, or other objects. The reflected signals are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ into \_\_\_\_\_\_\_\_\_\_\_\_\_\_ that show the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and intensity of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. A special radar called \_\_\_\_\_\_\_\_\_\_\_\_\_ radar enables meteorologists to calculate the \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_ of a weather system.

Satellite images are from remote sensing technology \_\_\_\_\_\_\_\_\_\_\_\_\_\_ into orbit around Earth. Satellite images can show \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, indicating \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_ pressure systems, moving from one location to another. Infrared sensors on satellites determine \_\_\_\_\_\_\_\_\_\_ height and can tell the difference between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (rain, snow, and hail) because they have different \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. Copy Figure 2.13 from p. 52 here. Then answer p. 61 #13.
2. Read p.70-77. Answer p.73 #14, 16, 17

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