Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Weather and Climate

**WHAT** are the 4 elements of weather?

**W**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- the movement of air from high to low pressure (not visa verse)

**H\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**- The measure of water Vapor in the air.

**A\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**- weight of the air (low or high)

**T**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- how fast the air molecules are moving

**The Facts of Life (**Facts about weather**)**

1. \_\_\_\_\_\_\_\_\_\_ air hold more water vapor than \_\_\_\_\_\_\_ air.
2. \_\_\_\_\_\_\_\_\_ heats and cools more quickly than \_\_\_\_\_\_\_\_\_\_\_.
3. The higher you go, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it gets.
4. It only \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ during \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure.

**3 Types of precipitation**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- Warm air rises and meets cooler air and begins to release moisture

2. Rain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Effect- windward and leeward sides of a high mountain both have very different

climate.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-
   * + - 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- warm air sweeps in underneath and it is nice weather
         2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- warm air rises and cold air drops, it is cold and wet.

**6 Factors of Climate:**

1. 4.

2. 5.

3. 6.

\* Generally, similar \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are found at similar \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.