**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_**

**Chapter 12 Vocab: Meteorology**

1. Using page 302, what are 2 things used to classify air masses?
2. Fill out the table below using the Figure 12-3 on page 303:

|  |  |  |
| --- | --- | --- |
| Name of Air Mass | Temperature Description | Humidity Description  |
| Maritime Tropical |  |  |
| Continental Polar |  |  |
| Maritime Polar |  |  |
| Continental Tropical |  |  |

1. Fill out the table below using Figure 12-7 on page 308-309

|  |  |
| --- | --- |
| Name of Front | Draw the symbol that represents the front. Either use the appropriate color, or label it with the color. |
| Cold Front |  |
| Warm Front |  |
| Stationary Front |  |
| Occluded Front |  |

1. In your own words, what is figure 12-8 page 310 showing?
2. Next read the sections that deal with high and low pressure systems on pages 310 - 311. What type of weather is associated with:
* High pressure?
* Low pressure?
1. Read about Isopleths on pages 317-318:
* Define isopleth.
* Name and describe 2 types of isopleths used to describe weather.
* Where have we studied something similar in Earth Science?

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Word** | **Definition – From QUIZLET!!** | **Confidence** |
|  | **Weather** |  |  |
|  | **Air Mass** |  |  |
|  | **Source Region** |  |  |
|  | **Maritime** |  |  |
|  | **Continental** |  |  |
|  | **Tropical** |  |  |
|  | **Polar** |  |  |
|  | **Artic** |  |  |
|  | **Air Mass Modification** |  |  |
|  | **Front** |  |  |
|  | **Cold Front** |  |  |
|  | **Warm Front** |  |  |
|  | **Stationary Front** |  |  |
|  | **Occluded Front** |  |  |
|  | **High Pressure** |  |  |
|  | **Low Pressure** |  |  |
|  | **Station Model** |  |  |
|  | **Isopleths** |  |  |
|  | **Isobars** |  |  |
|  | **Isotherms** |  |  |