Unit 3 Review Worksheet

Circle the correct answer in the table below

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | Where it forms | Temperature | Humidity |
| Continental Polar | Over ocean Over land | Warm Cold | Moist Dry |
| Continental Tropical | Over ocean Over land | Warm Cold | Moist Dry |
| Maritime Polar | Over ocean Over land | Warm Cold | Moist Dry |
| Maritime Tropical | Over ocean Over land | Warm Cold | Moist Dry |

Complete the table below using the image on the right.

E

D

C

B

A

|  |  |  |  |
| --- | --- | --- | --- |
| **Letter** | **Temperature (Cold, Warm)** | **Humidity (Dry, Humid)** | **Name of Air Mass (CT,CP,MT,MP)** |
| **A** |  |  |  |
| **B** |  |  |  |
| **C** |  |  |  |
| **D** |  |  |  |
| **E** |  |  |  |

Complete the chart about warm and cool air.

|  |  |  |
| --- | --- | --- |
|  | Warm Air | Cool Air |
| Which Direction Does it Move? |  |  |
| Does it more or less dense? |  |  |
| Does it have high or low pressure? |  |  |

Which direction does air pressure move?   
Areas of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure move to areas of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure.

Complete the Chart about the different type of fronts.

|  |  |  |  |
| --- | --- | --- | --- |
|  | What does the warm air do? | What does the cold air do? | What type of weather does this bring? |
| Warm Front |  |  |  |
| Cold Front |  |  |  |
| Stationary Front |  |  |  |
| Occluded Front |  |  |  |

1. Land heats up \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than water and cools off \_\_\_\_\_\_\_\_\_\_\_\_\_ than water.
2. Water heats up \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than land and cools off \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than water.
3. How does the unequal heating of land and water create local winds?  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. How does the unequal heating of land and water create global winds?  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Where does the breeze start? | Where does the breeze end? | Does it happen during the day or night? | Air above land | Air above water |
| **Sea Breeze** |  |  |  | Temperature: | Temperature: |
| Air Pressure: | Air Pressure: |
| **Land Breeze** |  |  |  | Temperature: | Temperature: |
| Air Pressure: | Air Pressure: |