

Name: _____

Period: _____

Air masses and fronts review

1. Circle the correct answer in the table below:

Type	Where it Forms (Circle over ocean or land)		Temperature (Circle warm or cold)		Humidity (Circle moist or dry)	
Continental Polar (CP)	over ocean	over land	warm	cold	moist	dry
Continental Tropical (CT)	over ocean	over land	warm	cold	moist	dry
Maritime Polar (MP)	over ocean	over land	warm	cold	moist	dry
Maritime Tropical (MT)	over ocean	over land	warm	cold	moist	dry

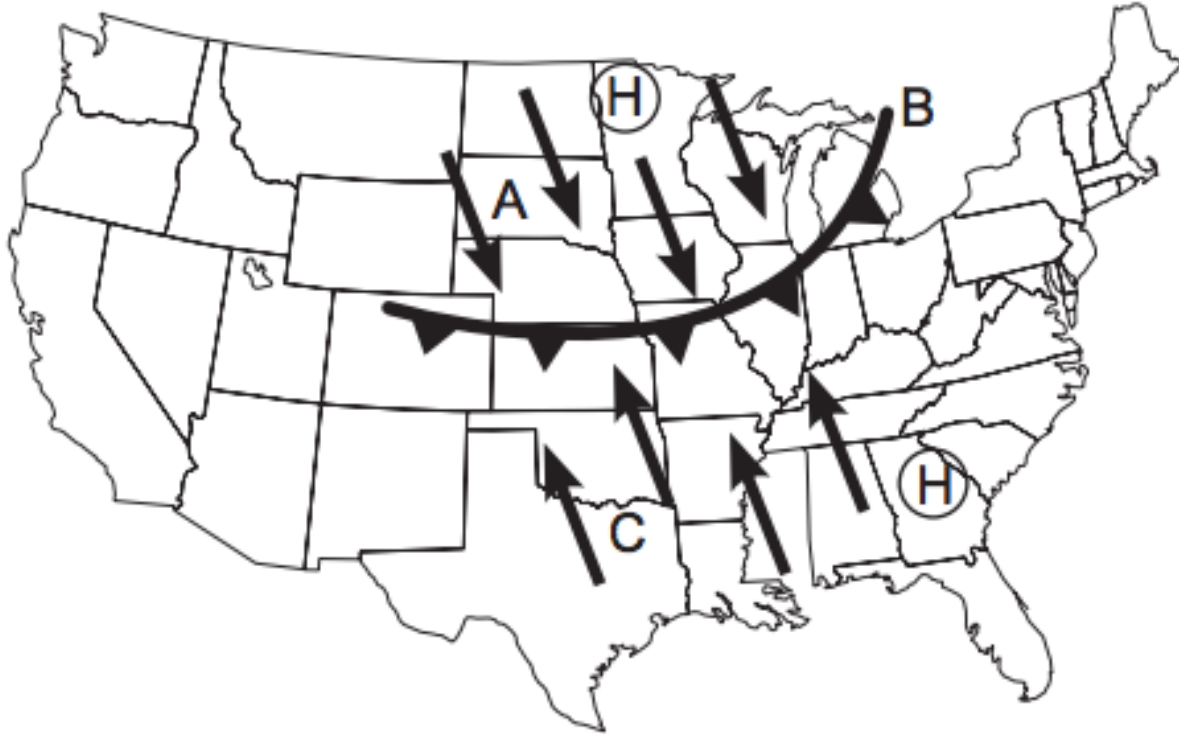
2. Using the map below, complete the table:



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

3. Match the letter from the map (A, B, C) with the correct description below:

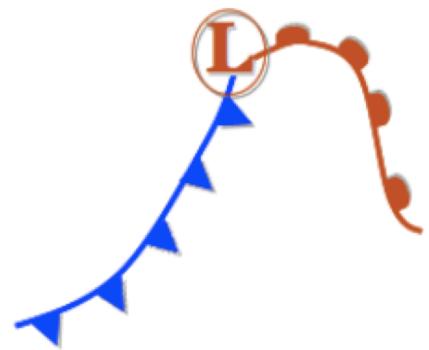
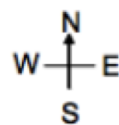
- _____ Warm, moist air mass from Gulf of Mexico
- _____ Frontal boundary
- _____ Cold air mass from Canada

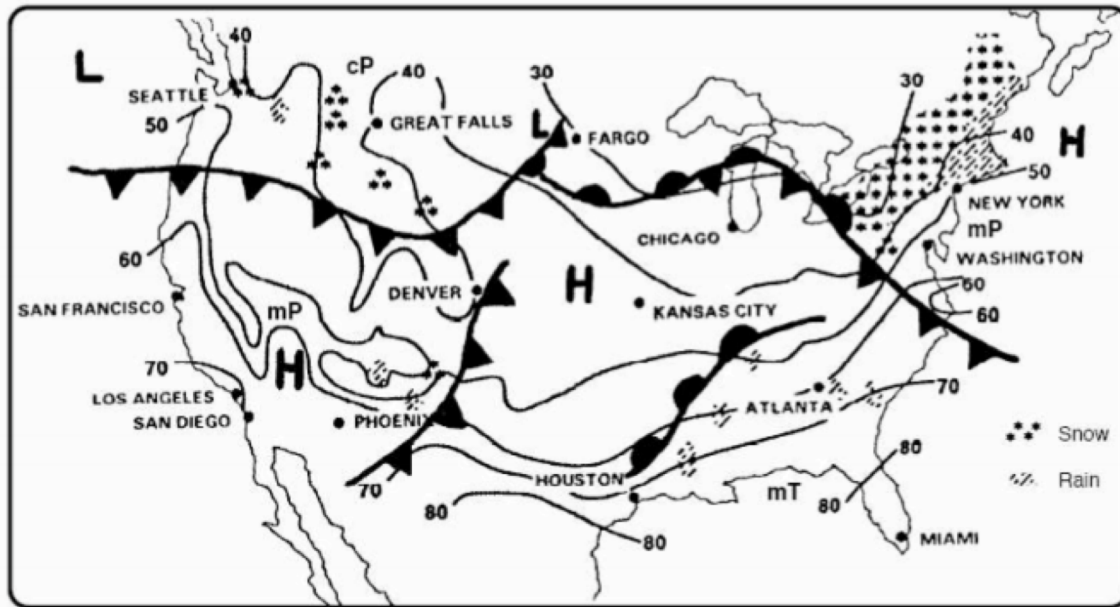


4. To show where the warm and cold air is located, write the words “WARM” and “COLD” on the proper side of each front to the right.

5. Which direction is the warm front moving?

6. Which direction is the cold front moving?





Using the map provided, answer the questions below:

1. List the different fronts shown on the weather map.
2. Color the Northern part of the Atlantic Ocean blue. What kind of air mass would the North Atlantic be in?
3. Highlight Phoenix on the map. In what direction is the front near Phoenix moving?
4. What is the definition of an air mass?
5. Highlight Denver on the map. What kind of front is near Denver?
6. Highlight Chicago on the map. What kind of front is north of Chicago?
7. Highlight Great Falls on the map. What kind of air mass would be over Great Falls?
8. Highlight Los Angeles on the map. Would Los Angeles have clear or cloudy skies? **Explain.**
9. Highlight Washington D.C. on the map. What kind of air mass would Washington D.C. experience?