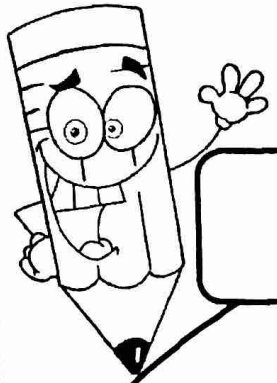


Venn Diagram

WEATHER

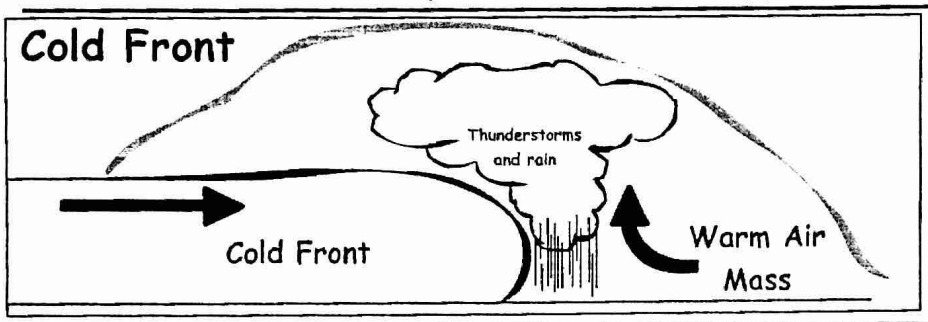
CLIMATE

BOTH

Weather Fronts: Introduction

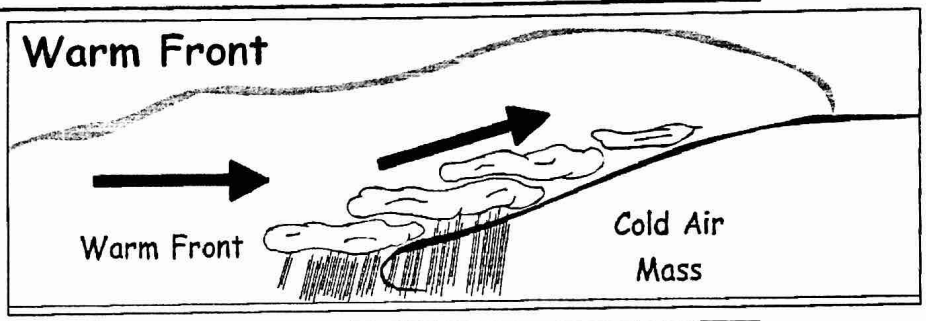
Name_____

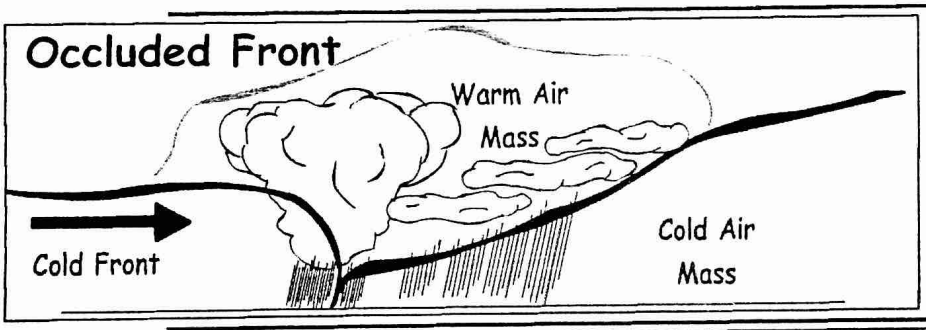
Instructions: Read through the Weather Front descriptions.
Then complete the "What Type" questions at bottom of page.



A **Cold Front** moves faster than a warm air mass. The warm humid air is pushed up and results in a short period of heavy rain and possibly violent thunderstorms.

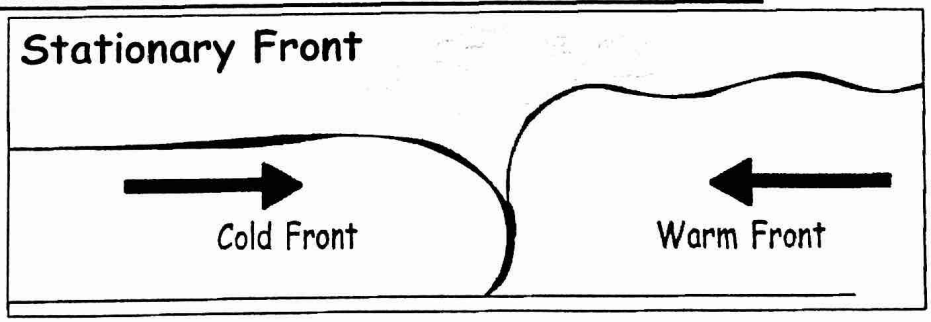
A **Warm Front** moves slower than a cold air mass. The warm raises steadily above the cooler air mass and causes gentle rain showers for longer periods of time.





An **Occluded Front** is a combination of two fronts that form when a cold front catches up and overtakes a warm front. The result is a mix of rain showers and thunderstorms.

A **Stationary Front** is the boundary between two air masses when neither is moving. Clear skies to partly cloudy skies may result, with occasional light rain.



What Type? **Cold Front** **Warm Front** **Occluded Front** **Stationary Front**

1- What type of front produces gentle rain showers? _____
2- What type of front involves 3 different air masses? _____
3- What type of front may have clear skies? _____
4- What type of front creates violent thunderstorms? _____
5- What type of front is stalled or still? _____
6- What type of front has rain showers and thunderstorms? _____