**What Causes Wind reading passage questions**

1. Why is air pressure less at higher altitudes?
2. A one square inch column of air at sea level weighs approximately \_\_\_\_\_\_\_\_\_\_\_\_.
3. Which situation would exert more air pressure on you, being under a column of warm air or cold air? Explain why.
4. What causes the differences in air pressure between landmasses and oceans?
5. Where would you expect winds velocity to be faster, in a mountainous area or an area with large fields? Explain why.
6. Name two explanations for what causes wind.

1.

2.

1. Why is the Earth heated unevenly?
2. Tropical latitudes receive \_\_\_\_\_\_\_\_\_\_\_\_\_\_ warming from the sun whereas the poles receive solar energy at an \_\_\_\_\_\_\_\_\_\_\_\_\_\_ angle. Explain Why.
3. If were in a sailboat North of Australia, which direction would the wind take you?
4. Large masses of air are pulled into circular rotation due to the Earth’s rotation is know as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. What causes a “front”?
6. What typically occurs when fronts form?