Compare and Contrast

What does it mean when we have high or low pressure? Fill out the two sides below with your answer. Each side needs a diagram and writing in complete sentences that address the prompt.

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| --- | --- |
| High Pressure  What happens to the air’s temperature to create high pressure? What do the molecules look like? What kind of weather does it create? Diagram below to show how it is created.  Molecules  Air Temperature:  Weather looks like this: | Low Pressure  What happens to the air’s temperature to create low pressure? What do the molecules look like? What kind of weather does it create? Diagram below to show how it is created.  Molecules  Air Temperature:  Weather looks like this: |
| High pressure is caused \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  It creates \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ weather because\_\_\_\_\_\_\_\_\_\_ | Low pressure is caused \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  It creates \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_weather because\_\_\_\_\_\_\_\_.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |

How are air pressures similar?

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How are they different?

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