

NAME:

DATE:

PD

# WS 29: Temperature Changes in the Atmosphere

*Using the illustration on the other side, answer the following questions with the BEST possible answers.*

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1) How does temperature change with altitude in the troposphere?

2) How does temperature change with altitude in the stratosphere?

3) Contrast how temperature changes with altitude in the stratosphere and Mesosphere.

4) Is the temperature profile in the thermosphere more like that of the troposphere or the stratosphere?

*Part of the:      Troposphere      Stratosphere*

5) Explain your answer from the previous question

6) Where do major shifts in temperature occur in the atmosphere?

Major shifts occur:

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7) Would temperatures in the upper troposphere and the stratosphere be comfortable for people?      YES      NO

8) Explain your answer from the previous question.

