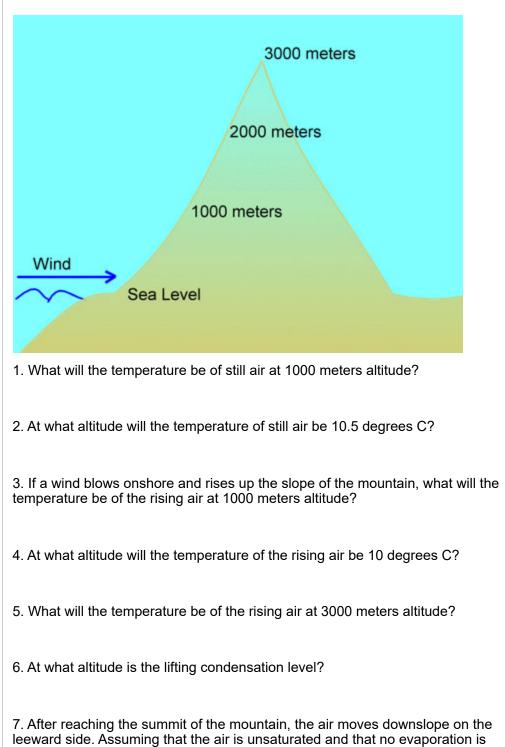
Questions

Use the diagram of the mountain below to answer the following questions. Assume that:

- the temperature at sea level is 30 degrees C,
- the normal lapse rate is 6.5 degrees C/km,
- the dry adiabatic lapse rate is 10 degrees C/km,
- the saturated adiabatic lapse rate is 5 degrees C/km, and
- the dew point is 10 degrees C.

All of your answers should be in either meters or degrees C. Remember that 1 km = 1000 m.



taking place, what will the temperature be of the subsiding air at 2000 meters

\$