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are listed below some thermodynamic functions cannot be calculated directly one needs to be able to  
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approach equilibrium thermodynamic properties thermodynamics is concerned with massive  
chemical entities such as atoms or molecules the macroscopic properties of a system are those that  
originate from the bulk behaviour of matter

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thermodynamics zeroeth law of thermodynamics two systems each in thermal equilibrium with a  
third system are in thermal equilibrium to each other first law of thermodynamics the change in the  
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radius  $h$  is the height and  $l$  is the slant height of the cone derivation in order to calculate the curved  
surface area and total surface area of a cone we divide it into a circular base and the top slanted  
part the area of the