

What is the heat capacity of 50 g of mercury? The specific heat of mercury = 0.14 J/g/oC  
7

Which of these is NOT a property of symmetry groups?  
Non-Associativity

Point group symmetry is widely used in \_\_\_\_\_  
All of the above

Which of these reflections contains the principal axis and bisect two C2 axis?  
Dihedral

If Symmetry operation in a molecule is C3, the angle of rotation in degrees will be \_\_\_\_\_  
360

The number of sigma and pi bonds in HCN are \_\_\_\_ and \_\_\_\_\_ respectively  
2,2

An individual point group can be represented by a set of symmetry operations including  
ALL except  
Proper rotation

Internal energy change is heat absorbed at constant \_\_\_\_\_  
Volume

How many lines of symmetry has cyclopropane?  
3

The heat capacity of a solid at constant pressure (Cp) is equal to \_\_\_\_\_  
3R

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