

Acsms Guidelines For Exercise Testing And Prescription

RJ Alexander

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 moles of hexane C_6H_{14} is combusted in
 a bomb calorimeter containing 5 65

liters of water calculate the molar heat
 of combustion of hexane if the water
 temperature rises 55 4 c the specific
 heat capacity of water is 4 184 j g c h
 ms t h 5 650 grams H_2O 4 184 j g c 55 4
 c h 1310 kj
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 web 6 a 218 g sample of steam at 121oc
 is cooled to ice at 14oc find the change
 in heat content of the system 7 in going
 from ice at 34oc to steam at 138oc a
 sample of water absorbs 1.41×10^5 j
 find the mass of the sample answers 1 2
 68×10^4 j 2 6.23×10^4 j 3 1.71×10^4 j 4
 1.11×10^5 j 5 2.11×10^5 j 6
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