Heat capacity

- 1 Arrange water, ethanol (CH3CH2OH), and hexane (C6H14) in order of increasing specific heat (J/g/oC).
 - A hexane < water < ethanol
 - B ethanol < water < hexane
 - C hexane < ethanol < water
 - D water < ethanol < hexane
- 2 Arrange water, ethanol (CH3CH2OH), and hexane (C6H14) in order of increasing molar heat capacity (J/mol/oC).
 - A hexane < water < ethanol
 - B ethanol < water < hexane
 - C hexane < ethanol < water
 - D water < ethanol < hexane
- 3 If equal masses of water, ethanol, and hexane are heated for the same amount of time, which will be coolest?

-	-	÷	And Address of the Ad	1
inter .	- 1943	-14	194.	4.14
and in case of	Daller	182	41230	1000
and in case	Ca.d.	1.00	1.02	12,44
l'engeri l	10,00,0	-	144 -	10.00
_	E.M.	-	1200	10.00
at loss	5A.	144	ins.	1.6.61
income.	5.00	1184		18.174
later and	5.4	100	105	1.0

- A water
- B ethanol
- C hexane
- D They will all be the same temperature
- 4 If equal volumes of water, ethanol, and hexane are heated for the same amount of time, which will be coolest?

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piere.	19135	-111	194	4.18
-	De.	182	. #1200	12,011
of land	CALL!	1.4	1.02	11.44
l'anna anna an	12,44,4	-	144 -	10.000
-	E.A.	-	100	1.01
at loss	5.4	10.62	ina-	1.641
Second -	1.00	1184		10.00
later and	1.4	- 100	105	1.0

- A water
- B ethanol
- C hexane
- D They will all be the same temperature

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Heat capacity

5 If equal moles of water, ethanol, and hexane are heated for the same amount of time, which will be coolest?

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-	- 164	-14	194.	4.14
and in case of	Daller	182	41200	1000
and in case	Ca.d.	1.00	1.12	12,44
A respective.	10,00,0	-	144 -	1.00
_	E.M.	-	138	10.00
at land	5A.	144	ina.	1.6.61
Second Second	5.00	1184		18.74
Same -	5.4	100	105	1.0

- A water
- B ethanol
- C hexane
- D They will all be the same temperature