Name	Date	Period
Int Warm Up:	troduction to Thermochemistr and Specific Heat	'Y
1. What does the prefix "thermo-" r	refer to? List some words tha	t have this prefix?
2. Which warms up faster on a hot s	summer day, a sandbox or a poo	ol?
3. Name 2 units for measuring energ	ду.	
4. What is <u>kinetic energy</u> ?		
5. Name 2 units for measuring <u>temp</u>	<u>erature</u> .	
	Thermochemistry	
What is <u>thermochemistry</u> ?		
Tomorrow you will build a <u>calorimete</u> What is a <u>calorimeter</u> used for?	<u>er</u> from an aluminum can, a woo	den stick, and masking tape
Differentiate between <u>heat</u> and <u>ten</u>	nperature.	
What is the conversion factor betwo	een <u>Joules</u> (J) and <u>calories</u> (ca	l)?

Example: Convert 85 calories into joules.

Chemistry

Mrs. Nielsen

Mrs. Nielsen Chemistry

What is <u>specific</u>	Specific Heat heat?	,
What is the <u>spec</u>	<u>cific heat</u> of H ₂ O?	
Write the equati	ion for measuring <u>specific heat</u> :	
	ner <u>specific heat</u> value, sand or water? Use imming pool on a hot summer day.	your answer to explain why a sandbox is
	piece of copper is heated from 30°C to 45°C 523 J of energy as heat. What is the speci	
Q =		c =
m =		ΔT =
_	ctice: ample of H2O at 10°C absorbs 420 J of ene ture of the water?	rgy. What will be the final

c =

ΔΤ=

Q =

m =