

## Specific Heat

### Data and Calculations

<p>Mass H<sub>2</sub>O in cup _____g Initial Temp _____°C Final Temp _____°C Δ T _____°C</p> <p>Calculate the heat gained by the water Show your calculation here: q (H<sub>2</sub>O)= m c Δ T</p>	<p>Mass of Aluminum _____g Initial Temp 100.°C Final Temp _____°C Δ T _____°C q (Aluminum) _____ J</p> <p>Calculate the specific heat of Aluminum Show your calculation here: q (Aluminum)= m c Δ T</p>
<p>Mass H<sub>2</sub>O in cup _____g Initial Temp _____°C Final Temp _____°C Δ T _____°C</p> <p>Calculate the heat gained by the water Show your calculation here: q (H<sub>2</sub>O)= m c Δ T</p>	<p>Mass of Copper _____g Initial Temp 100.°C Final Temp _____°C Δ T _____°C q (Copper) _____ J</p> <p>Calculate the specific heat of Copper Show your calculation here: q (Copper)= m c Δ T</p>
<p>Mass H<sub>2</sub>O in cup _____g Initial Temp _____°C Final Temp _____°C Δ T _____°C</p> <p>Calculate the heat gained by the water Show your calculation here: q (H<sub>2</sub>O)= m c Δ T</p>	<p>Mass of Steel _____g Initial Temp 100.°C Final Temp _____°C Δ T _____°C q (Steel) _____ J</p> <p>Calculate the specific heat of Steel Show your calculation here: q (Steel)= m c Δ T</p>
<p>Mass H<sub>2</sub>O in cup _____g Initial Temp _____°C Final Temp _____°C Δ T _____°C</p> <p>Calculate the heat gained by the water Show your calculation here: q (H<sub>2</sub>O)= m c Δ T</p>	<p>Mass of Brass _____g Initial Temp 100.°C Final Temp _____°C Δ T _____°C q (Brass) _____ J</p> <p>Calculate the specific heat of Brass Show your calculation here: q (Brass)= m c Δ T</p>