



Oct 6-8:38 AM

Wkst 10Kg $\frac{60 \text{ kJ}}{\text{min}}$

CD $Q = ?$ heat added

9min

Find Hv

$Q = mHv$

$480 \text{ kJ} = 10 \text{ kg} (Hv)$

$Hv = 48 \text{ kJ/kg}$

$\frac{60 \text{ kJ}}{\text{min}} \times 9 \text{ min} = 540$

$\frac{60 \text{ kJ}}{\text{min}} \times 8 \text{ min} = 480 \text{ kJ}$

DE

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Calorimetry

$Q = mc\Delta T$

Change in Temp.
/ Start T - Final Temp /

Thermometer

cover

insulation

cup

H₂O (mass)

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<u>H₂O</u>	<u>metal</u>
MASS ~ 1/3 full	
T _i	100°C
T _f	

tell me start
 Al, Zn, Pb, Cu, Brass
 Aluminum Zinc Lead Copper
 Darker (Red)
 lighter

Oct 6-9:10 AM