Specific Heat of Brass Lab Calculations

	Trial #1	Trial #2	Trial #3	Average
ΔT_{water}, (T_2-T_1)				
ΔT_{brass}, $(T_2-100°C)$				

Solving for Qwater

$$Q_{water} = C_{water} \times m_{water} \times \Delta T_{water}$$

$C_{water} = $ _____

$m_{water} = $ _____

$\Delta T_{water} = $ _____

Q_{water}

$Q_{brass} = -Q_{water}$

$$Q_{brass} = C_{brass} \times m_{brass} \times \Delta T_{brass}$$

Calculating % error

% error = $\left| \dfrac{\text{your number} - \text{accepted number}}{\text{accepted number}} \right|$