

3. A piece of lead with a specific heat capacity of  $126\text{J/kg}^\circ\text{C}$  is given  $5000\text{J}$  of energy to heat it from  $20^\circ\text{C}$  to  $250^\circ\text{C}$ . What was the **mass** of the piece of lead?

Q =	
M =	
C =	
$\Delta t =$	

[illegible]

Ans