

Name _____ Class _____ Number _____

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

Formula $Q = mc\Delta t$

$Q =$

$M =$

$C =$

$\Delta t =$

We get

Ans