

Name \_\_\_\_\_ Class \_\_\_\_\_ Number \_\_\_\_\_

3. A piece of lead with a specific heat capacity of 126J/kg°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