Quiz POD: Heat Formula 1 Name _____

$$Q = mC\Delta T \quad \text{or} \quad Q = mC(T_f - T_i)$$

Material	**Specific Heat** $\left(\frac{J}{kg\ ℃}\right)$
water	4,184
oxygen	918
aluminum	900
argon	520
steel	470
zinc	388
bronze	370
Platinum	133
gold	129

1. My material is water
I have a mass of 6 kg
The initial temperature is 5℃.
The final temperature is 40℃.
What is the heat energy?

Looking For	Formula
Already Know	
Answer in a complete sentence *with unit*:	

2. My material is steel.
I have a mass of 80 kg.
My initial temperature is 26℃.
My final temperature is 28℃.
What is the heat energy?

Looking For	Formula
Already Know	
Answer in a complete sentence *with unit*:	

Quiz POD: Heat Formula 1 Name _____

3.
My material is bronze.
I have a mass of 0.4 kg.
My initial temperature is 20°C.
My final temperature is 300°C.
What is the heat energy?

Looking For	Formula
Already Know	
Answer in a complete sentence *with unit*:	

4.
My material is oxygen.
I have a mass of 20 kg.
My initial temperature is 20°C.
My final temperature is 35°C.
What is the heat energy?

Looking For	Formula
Already Know	
Answer in a complete sentence *with unit*:	