$$q = m \; C \; \Delta T$$

HOMEWORK

SHOW ALL WORK!! START BY WRITING THE FORMULA. CIRCLE & LABEL ALL THE DATA. DON'T FORGET TO USE PROPER UNITS. BE PRECISE.

1) The temperature of 1500 g of water was raised from 10.0 °C to 20.0 °C. How much heat did the water absorb?

2) If 8000 J of heat raises the temperature of a sample of water by 5 °C, what is the mass of the water?

3) What will be the change in temperature of 1200 g of water when it absorbs 15,000 J of heat?