

Number 3 (heat_formula_5)

You have 0.50 kg of ice, and you add 5.0×10^6 Joules of heat energy.

You end with a puddle of water.

What is the temperature of this puddle you finish with?

Step 1: Draw a graph with Temperature on the Y axis and Heat Energy on the X-Axis.
Label **2** separate portions of this graph.

Step 2: Find the heat energy of the first portion of this graph.

Step 3: Find the final temperature of the water.