

C12 Practice Problems #2

Show all work from base equation to isolation of t_f and then all values put into equation ending in final answer.

1. What is the final temperature of 1.20 kg of water at 99.0°C if 112 g of ice at -15.0°C is added to it?

2. What is the final temperature of 1.44 kg of water at 65.0°C if 370 g of ice at -33.0°C are added to it?