

13 A cup contains 0.25 kg of water at 60 °C. Some time later, the water has cooled to 20 °C.

How much energy has been transferred from the water to the surroundings?

(The specific heat capacity of water is 4200 J / (kg °C).)

A 21 000 J

B 42 000 J

C 63 000 J

D 84 000 J