

Specific Heat ACT

Suppose you have equal masses of aluminum and copper at the same initial temperature. You add 1000 J of heat to each of them. Which one ends up at the higher final temperature

- A) aluminum
- B) copper ← Correct
- C) the same

Substance	c in J/(kg-C)
aluminum	900
copper	387
iron	452
lead	128
human body	3500
water	4186
ice	2000

$$\Delta T = Q/cm$$