

- 10** Body X and body Y have the same temperature. Body Y is in thermal equilibrium with body Z. The three bodies are of different materials. Body X has the largest mass and body Z has the least mass.

Which one of the following statements is correct?

- A** X and Y have the same internal energy
- B** Y and Z have the same specific heat capacity.
- C** If X is placed in thermal contact with Z, there is no net transfer of heat.
- D** If X is placed in thermal contact with Z, heat will be transferred from X to Z.

