

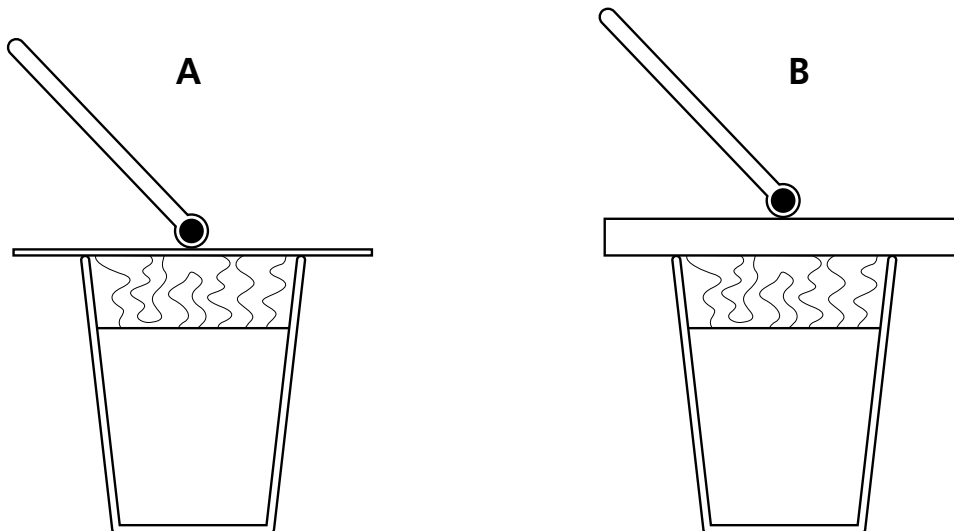


Name: Form:

See pages 16 and 17 of *Properties of materials*

Keeping in the heat

To keep things warm, a material must stop heat being lost.



Q1. Which thermometer do you think will show the highest temperature?

.....

Q2. Why would one thermometer show a higher temperature than the other?

.....

.....

Q3. Which word is the name of a material that does not let heat get away quickly – detector, insulator, conductor? (Write your answer on the line).

.....

Q4. Some plastic mugs have a double wall of plastic. What is between the walls?

.....

Q5. Why are plastic mugs made like this?

.....

Q6. Which material lets heat pass through it most quickly – metal, paper or cloth?

.....