

Name:

Date:

Class:

Which is the Best Insulator: Air, Styrofoam, Foil, or Cotton Results Chart

Part 1: Placing the cups into the freezer

Cup	Insulating Material	Time to Form Ice (min.)	Order Ice Formed
1	Styrofoam		
2	Aluminum Foil		
3	Cotton		
4	Air		

Which material insulated the water the best?

Which material insulated the water the worst?

Part 2: Placing the cups into the warm water

Cup	Insulating Material	Time to Melt Ice (min.)	Order Ice Melted
1	Styrofoam		
2	Aluminum Foil		
3	Cotton		
4	Air		

Which material insulated the ice the best?

Which material insulated the ice the worst?
