

Name \_\_\_\_\_

Date \_\_\_\_\_

**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? \_\_\_\_\_