

Name _____

Date _____

WHICH IS THE BEST INSULATOR: AIR, STYROFOAM, FOIL, OR COTTON?
DATA CHART

Key: N = No, ice did not form
YP = Yes, partial ice formed
YC = Yes, ice is completely formed

Time (min)	Styrofoam	Aluminum foil	Cotton	Air
15				
30				
45				
60				
75				
90				
105				
120				
135				
150				
165				
180				

Key: M = fully melted
NM = not fully melted

Time (min)	Styrofoam	Aluminum foil	Cotton	Air
15				
30				
45				
60				
75				
90				
105				
120				
135				
150				
165				
180				