

TABLES

Table of Melting and Boiling Points

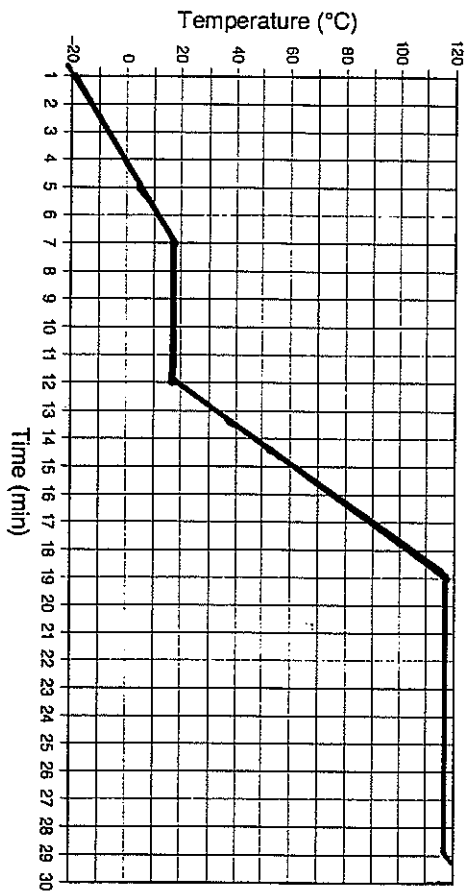
Melting Point (M.P.) and Boiling Points (B.P.) are in degrees Celsius (°C)

	M.P.	B.P.		M.P.	B.P.
GAS			SOLID		
ammonia	-78	-33	aluminum	660	2467
butane	-138	-0.5	baking soda (sodium bicarb.)	dec‡	---
carbon dioxide	-78†	---	calcium oxide	2580	2850
carbon monoxide	-199	-191	chalk (calcium carbonate)	dec‡	---
chlorine	-101	-35	charcoal (carbon)	3692†	---
helium	-272	-269	copper	1083	2595
hydrogen	-259	-252	copper sulfate	110	150
methane	-182	-164	Epsom salt (magnes. sulfate)	150	200
nitrogen	-210	-253	gold	1063	2966
oxygen	-218	-183	iron	1535	3000
			potassium chloride	776	1500
LIQUID			sand (silicon dioxide)	1610	2230
acetic acid	17	118	sodium nitrate	307	380
acetone	-95	56	sugar (sucrose)	185	dec‡
antifreeze (ethanethiol)	-144	35	sulfur	113	445
rubbing alcohol (ethanol)	-117	79	table salt (sodium chloride)	801	1413
water	0	100	tin	232	2270
wood alcohol (methanol)	-94	65	zinc	419	907

† Substance turns directly from a solid to a gas or from a gas to a solid (sublimation).

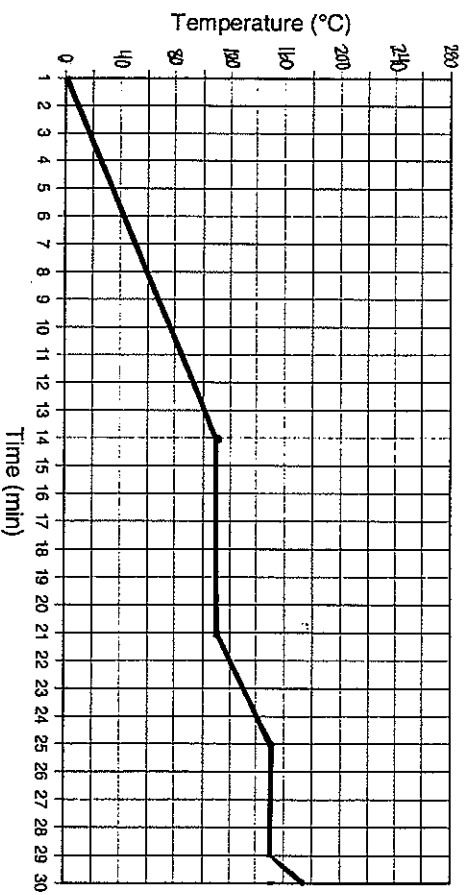
‡ Decomposes when heated or cooled further.

Graph: Temperature vs. Time for Heating



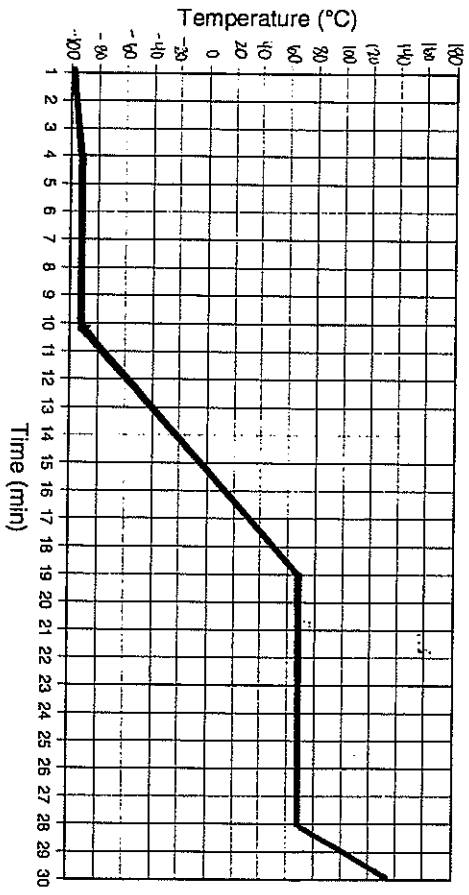
SUBSTANCE #1

Graph: Temperature vs. Time for Heating



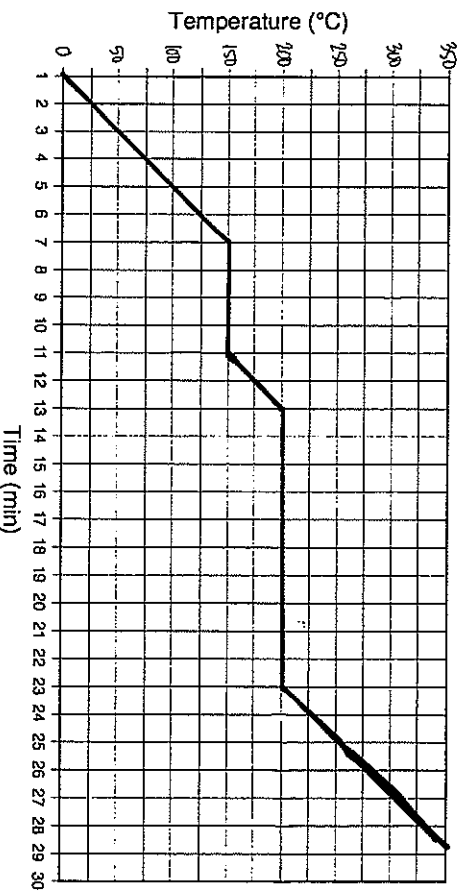
SUBSTANCE #3

Graph: Temperature vs. Time for Heating



SUBSTANCE #2

Graph: Temperature vs. Time for Heating



SUBSTANCE #4