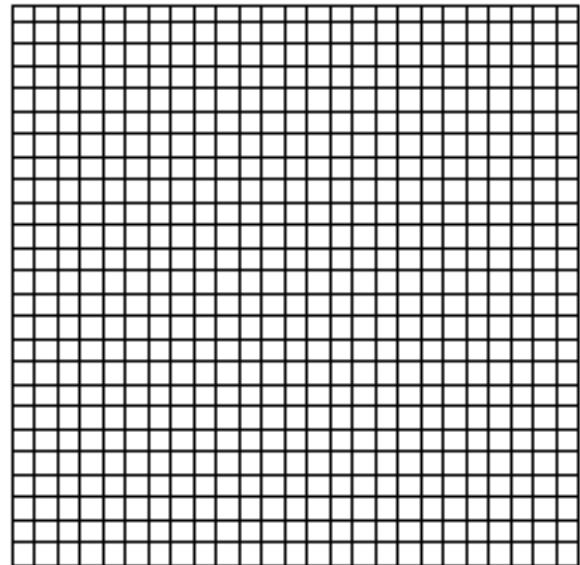


Water Vapor Content in Air at Saturation (100% relative humidity)

Construct a graph of the following data to illustrate the rapid increase in the amount of water vapor that can be held in air as its temperature rises.

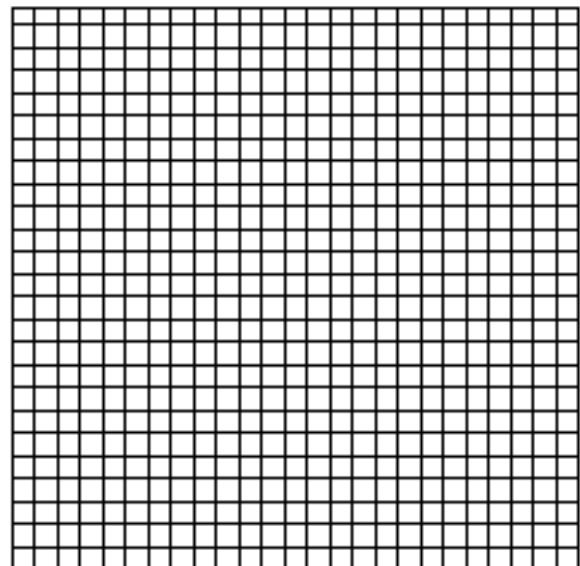
Temperature, °C	mgH ₂ O /liter air
0	5
5	7
10	9.5
15	11
20	16.4
25	23
30	30
35	38
38	46
40	51



Temperature of Exhaled Air from Two Mammals at Different Ambient Air Temperatures

Construct a graph using different symbols for Kangaroo Rat and Human data.

Ambient Air	Exhaled Air <i>Dipodomys</i>	Exhaled Air <i>Homo</i>
10	---	33.8
12.5	---	33.8
15	13.0	33.8
17.5	15.3	33.8
20	17.9	33.8
22.5	20.0	33.8
25	23.2	33.8
27.5	25.0	33.8
30	27.0	33.8
32.5	30.0	---
35	31.2	---



The data on water content of air at different temperatures and the temperature of exhaled air from desert iguanas, kangaroo rats and humans are from *How Animals Work* by Knut Schmidt-Nielsen, Cambridge University Press, 1972.