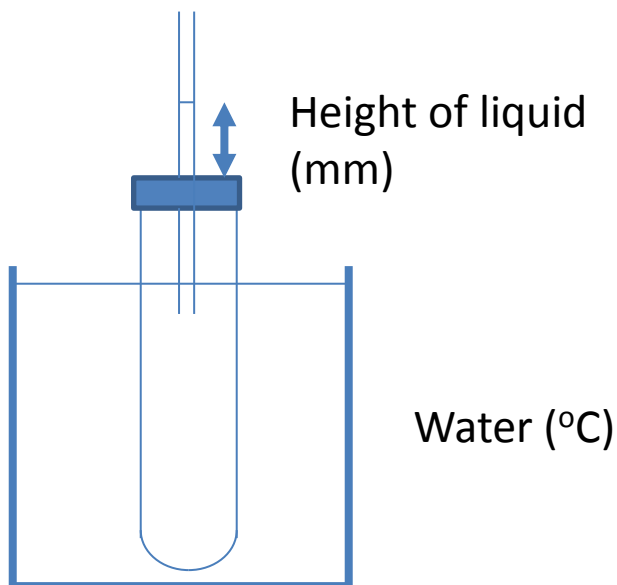


solid	A substance which keeps the same volume, but can change shape
Liquid	A substance which can change shape and volume
gas	A substance which keeps the same shape and volume
evaporation	The change from liquid to gas
condensation	The change from liquid to solid
melting	The change from solid to liquid
freezing	The change from liquid to solid
Water cycle	A diagram which shows the changes of state of water
conduction	Heat travelling as heat rays
convection	The way heat travels in liquids and gases
radiation	The way heat travels in solids

expansion	A substance takes up less space as it cools
contraction	Stopping heat moving
insulation	A substance takes up more space as it warms
solvent	The solid which dissolves
solute	The liquid the solid dissolves into
solution	Solution into which no more solute will dissolve
saturated	Solute + solvent
chromatography	Can separate metal from non-metal
filtration	Can separate mixtures of liquids
magnetism	Can separate insoluble solids from liquids

A boiling tube was filled with liquid. The liquid went up into a tube coming out of the boiling tube.

Jo measured the height of the column of liquid when the boiling tube was put into water at different temperatures.



Temperature (°C)	Height of liquid (mm)
20	2
30	6
40	10
50	14
60	16

Draw a **line graph** to show these results –

- Which way round?
- What scale? (I need to 'go up in')
- Plot points
- Join the points with a single line