

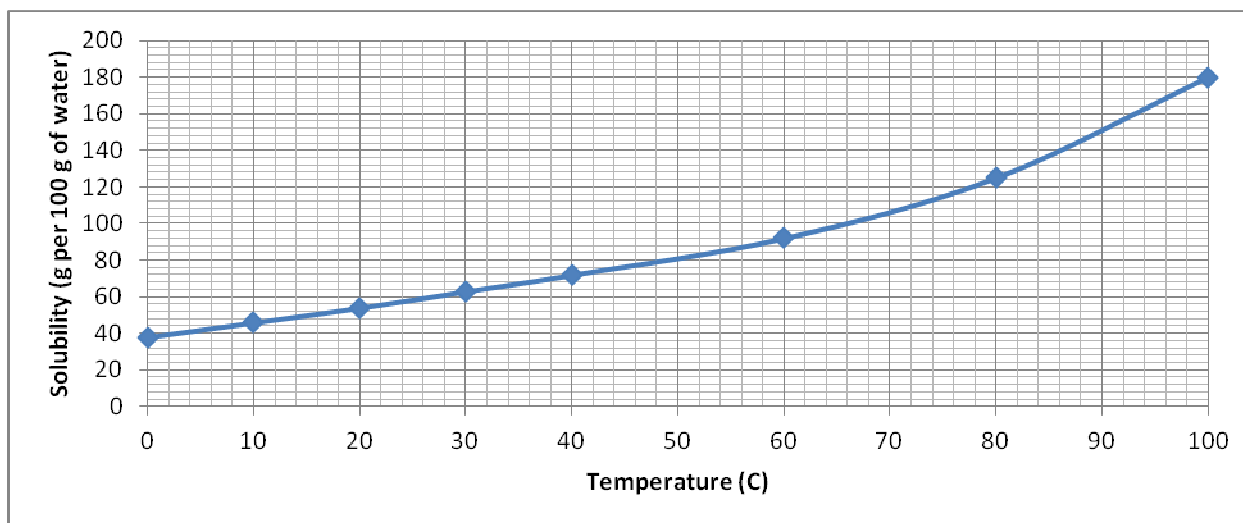


SOLUBILITY CURVES 4

- 1) a) 49 g / 100g of water
b) 37 g / 100g of water
c) 12 g
d) as the temperature falls, the solute becomes less soluble; therefore it cannot all remain dissolved and so some comes out of solution
- 2) 16 g
- 3) 30 g
- 4) 160 g
- 5) a) 70 g
b) 86 g
c) 19 g
d) 7 g
- 6) a) 60 °C
b) 50 °C
c) 63 °C

7)

Temperature (°C)	0	10	20	30	40	60	80	100
Solubility (g per 100 g of water)	38	46	54	63	72	92	125	180



- a) 65 °C
b) 152 g
c) 98 g
d) 1800 g