



SOLUBILITY CURVES 3

- 1) a) potassium bromide
b) potassium bromide
- 2) a) a solution in which no more solute can dissolve (at that temperature)
b) as the temperature falls, the solute becomes less soluble; therefore it cannot all remain dissolved and so some comes out of solution
- 3) a) 66 g
b) 20 g
c) 46 g
- 4) 56g
- 5) a) 34 g
b) 134 g
- 6) 84°C
- 7) a) 78 g
b) 56 g
c) 22 g
d) as the temperature falls, the solute becomes less soluble; therefore it cannot all remain dissolved and so some comes out of solution
- 8) a) i) 56 g ii) all of it (80 g)
b) none of it
- 9) a) 360 g
b) 7.8 g
c) i) 240 g ii) 740 g
d) 45 °C
e) 11 g