

## Conversion of concentration units

### Concentration unit questions – convert:

1)  $6.72 \times 10^{-2}$  mol to mmol

2) 34.6 mmol to mol

3)  $1.67 \times 10^{-2}$  mmol to mol

4)  $1.3 \times 10^{-2}$  mol dm<sup>-3</sup> to mol cm<sup>-3</sup>

5) 12.8 mol dm<sup>-3</sup> to mmol cm<sup>-3</sup>

6) 0.026 mmol dm<sup>-3</sup> to  $\mu$ mol cm<sup>-3</sup>

7) 23.8 kg m<sup>-3</sup> to g cm<sup>-3</sup>

8) 0.025 mg mL<sup>-1</sup> to g dm<sup>-3</sup>

9) 0.034 g dm<sup>-3</sup> to  $\mu$ g mL<sup>-1</sup>

10)  $1.2 \times 10^{-2}$   $\mu$ g cm<sup>-3</sup> to kg m<sup>-3</sup>