

Concentration worksheet #3

Follow significant figure rules for your answer! Units are NOT required since they are in the column heading.

- g/L: grams of solute per litre of solution
- % (m/V): grams of solute per 100mL of solution
- % (V/V): mL of solute per 100mL of solution
- % (m/m): grams of solute per 100g of solution
- ppm: 1 mg of solute per 1L of solution

Some basic conversions:

1 L = 1000 mL

1 kg = 1000 g

1 g = 1000 mg

Solution #	Concentration: g/L	Concentration in %	Concentration in ppm
1	2 g/L		
2		10 %	
3			47 ppm
4		26 %	
5	18 g/L		
6			1 ppm