# Sugar in drinks detective

If **4g of sugar = 1 teaspoon of sugar**, use this information to solve the following maths problems to learn about sugar in drinks.
Make sure you show your working out.

**Question 1: If a drink has 48g of sugar in it how many teaspoons of sugar will be in this drink?**

48 ÷ 4 = 12 teaspoons

**Question 2: If a drink has 13 teaspoons of sugar in it, how many grams of sugar would that be?**

13 x 4 = 52 grams

**Question 3: If a drink has 3 servings in a bottle and each serving has 20g of sugar how many grams of sugar are in the whole bottle? Then work out how many teaspoons would that be?**

20 x 3 = 60 grams

60 ÷ 4  = 15 teaspoons

**Question 4: If a serving size is 300ml how many serves will there be in a 1.5l bottle?**

1.5L x 1000 = 1500ml

1500 ÷ 300 = 5 servings

**Question 5: If there is 12g of sugar per 100ml in a drink how many grams of sugar would be in the bottle if it was 600ml? Then work out how many teaspoons would be in 600ml?**

12 x 6 = 72 grams

72 ÷ 4 = 18 teaspoons


food for thought ™