

Lesson 9 Handout: Calculating Units - Answers

Remember: **Units = $\frac{\text{volume (ml)} \times \text{abv (\%)}}{1000}$**

Figure out how many units Alex has had to drink.

How many units has Alex had?

Alex starts drinking at 7pm on Friday with friends. Alex has two pints of fruity cider (568ml) (5%) and shares a bottle (750ml) of wine (12.5%) with one friend.

Over the course of the evening Alex has drinks 2 alcopops (275ml) (5%) and three vodka and coke (25ml) (40%).

2 pints of fruity cider = 5.6 units

½ bottle wine = 4.7
(9.4/2 = 4.7)

2 alcopops x 1.4 = 2.8

3 vodka = 3

Total Units = 16.1

At what time will Alex be alcohol free? ___ Approx 11 am ___