

How much can you remember?

Another holiday, more brain cells! Try to do the questions below without referring to notes or revision aids. Allow about 15 minutes.

- 1) What is $15.05 + 7 + 2.1 - 3.52$
- 2) $\frac{2}{5} + 0.5 = ?$
- 3) Find $1\frac{3}{4} + \frac{2}{3}$ using any method
- 4) Barbara is a polish student working in a café in Edinburgh. She is paid £6.50 per hour and usually works 25 hours per week. What is Barbara's pay before deductions?
- 5) You have to type a 2 000 word essay. If you can type at 60 words per minute, how many minutes will the essay take to type? Round up to the nearest whole minute
- 6) Siobhan earns £7.50 per hour for a 35 hour week. How much will she earn in 25 weeks?
- 7) What is $1\frac{3}{5} \times \frac{3}{4}$?
- 8)
 - a) What is the ratio 5 : 35 : 25 in lowest terms?
 - b) If the smallest share is worth £300, how valuable is the largest share?
- 9) A recipe for flu cure requires rum, brandy and orange juice to be mixed in the following ratio; 1:1:13. Suppose I want to make 1 litre (1 000ml) of 'cure'. How much of each ingredient do I need? Calculate your answers in ml.
- 10) Fred starts work at 0830. He has a 15 minute break for coffee in the morning, half an hour for lunch, and another 25 minute break in the afternoon. Fred finishes work at 1700. How many hours does Fred work in a day?