Numeracy Assessment

All our courses are written and delivered in English, and will require certain standards of literacy and numeracy. If you are in any doubt at all, we recommend that you attempt the following self-assessment. You can find the answers at the end.

The test comprises twelve questions in two parts. You must answer the first six questions without using a calculator. Feel free to use a pen and paper to help you work out the answers. You may use a calculator for the second set of six questions. You should allow fifteen minutes for each set of six questions.

These tests have been designed to test your skills at:

- addition
- subtraction
- division and multiplication
- use of decimals
- fractions
- percentages
- using a calculator

You may not use a calculator for these six questions. Try to answer them all in fifteen minutes.

Question 1

You have 525 patients. 20% of them have type 2 diabetes. How many patients have type 2 diabetes?

Question 2

During the last year, 387 patients have been to see you about their diabetes. 862 different patients consulted you about cardiovascular disease, and another 512 wanted advice about their respiratory disease. How many patients did you see in total?

Question 3

Divide 72 by 1000.

Question 4

Of the 512 patients who consulted you about their respiratory disease, 384 had asthma. Show this as a simple fraction to its lowest terms.

Question 5

At the start of January, your practice was given 4000 health living leaflets to distribute to patients. By the end of the month, you had given out 2473 of them. How many leaflets would you have left to give out in February?

Question 6

During the year, you work an average of 28.4 hours for 45 weeks. How many hours did you work in total?

You can use a calculator for these six questions. Try to answer them all in fifteen minutes.

Question 7

In people of South Asian descent, 6.2% are likely to have type 2 diabetes. In a population of 500, how many are likely to suffer from type 2 diabetes?

Question 8

One of your patients requires three different drugs. The weekly cost of drug 1 is £2.75, of drug 2 is £8.42 and of drug 3 £5.19. What is the total weekly cost of this patient's drug regimen?

Question 9

You saw 567 patients last month. 5/9 of them were overweight or obese. How many patients did you see who were overweight or obese?

Question 10

On checking the supply cupboard, you find that you have 540 sutures in 15 boxes. How many sutures are in each box?

Question 11

At the start of June, your surgery had a total of 12192 pairs of examination gloves. By the end of the month, there were 8476 in stock. How many pairs of gloves were used in June?

Question 12

In your cold storage, you have 87 bottles of vaccine, each containing 2.5ml. How many ml of vaccine do you have in total?

<u>Answers</u>

Question 1

105

Question 2

1761

Question 3

0.072

Question 4

3/4

Question 5

1527

Question 6

1278

Question 7

31

Question 8

£16.36

Question 9

315

Question 10

36

Question 11

3716

Question 12

217.5ml