Practice Exam Questions – Level 1, Adult Numeracy.

Level 1 Adult Numeracy questions: percentages.
Allow about 20 minutes.
You may NOT use a calculator. Bilingual dictionaries may be used.

Leve1 1 – N2. Percentages
N2/L1.3 identify equivalencies between common fractions, decimals and percentages (e.g. 50% = ½, 0.25 = ¼) a) know common fraction equivalents e.g. halves quarters, fifths, tenths.
N2/L1.8 read, write, order and compare simple percentages, and understand simple percentage increase and decrease (a) understand percentage as the number of parts in every 100 (b) know that 100% is the whole (c) understand that a 10% pay increase is more than a 5% pay increase, but the actual increase depends on the number operated on.
N2/L1.9 find simple percentage parts of quantities and measurements (a) understand that there are different ways of calculating percentages (b) understand that knowing a range of methods for use with different numbers can make life easier than a single method applied to all numbers (but the choice remains the learner's).
N2/L1.10 find simple percentage increase and decrease (a) understand that a percentage increase can be found by finding the percentage part & adding on (b) that a percentage decrease can be found by finding the percentage part and subtracting.

1. A supermarket had 444 customers in one morning. Of these, 111 were men.

What percentage of the customers were men?

A 14%	**C** 25%
B 20%	**D** 44%

2. In 1999 a supermarket chain made £50 million in profit
In 2000 the supermarket chain only made £40 million in profit.

What percentage of the 1999 profit is this?

A 10%	**C** 80%
B 40%	**D** 90%

3. The table shows the number of people who attend different showings of a film.

2:30pm	4:30pm	7:00pm	9:30pm
150	175	225	250

The cinema manager expects 40% of people who attend the 9:30pm show to buy a bag of popcorn. How many bags of popcorn does he expect to sell at this showing?

A 40	**C** 100
B 80	**D** 120

4. 13 of 50 patients in a local hospital had broken bones.
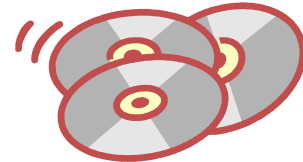What percentage of the patients is this?

A 13%
B 20%
C 26%
D 50%

5. Twenty percent of the CDs in a collection are Jazz.

How much of the collection is Jazz?

A A little less then a quarter
B A little more than a quarter
C A little less than a half
D A little more than half

6. 2 000 people were asked whether they chose to use 'Soapysuds' or 'Greenclean' to do their washing up. 75% chose 'Greenclean'

How many people chose 'Greenclean'?

A 75
B 150
C 750
D 1500

7. This question is about rides in a theme park
7500 rides were taken on a Thursday
The number of rides taken on a Friday is only 20% of Thursday's total.

How many rides are taken on a Friday?

A 200
B 750
C 1500
D 3750

8. Maria is keeping a check on the drinks sold in the staff canteen at morning break.
Later in the week Maria sold a total of 50 drinks during a morning break.
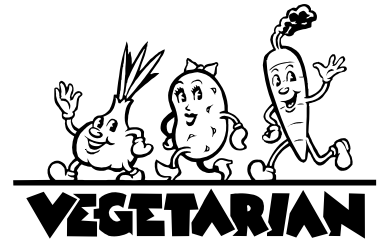Three tenths of the drinks were tea.

What is three tenths as a percentage?

A 30%
B 15%
C 10%
D 3%

9. There are 28 people at a celebration meal. 25% of them are vegetarians.
The number of people who are vegetarians is

A 7	**C** 21
B 10	**D** 25

10. Eighty children attend a nursery. 20% of them attend full-time.
How many children attend full-time?

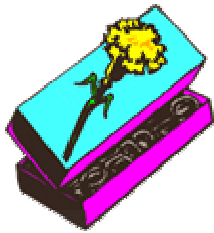|	
A 10	**C** 20
B 16	**D** 14

11. A recent study found that 60% of all new and returning exercisers dropped their exercise plans within 6 months.
Out of 200 people who started an exercise plan, how many dropped out?

A 60	**C** 66
B 120	**D** 112

12. There are three types of chocolates in a box. White chocolates, milk chocolates and plain chocolates. The box contains 50 chocolates. 30% are plain chocolate and 30% are white chocolate.
What percentage of the chocolates are milk chocolates?

A 60%	**C** 10%
B 50%	**D** 40%

13. A TV set costs £300. The price is reduced by 25% in a sale. What is the sale price of the television?

A £75	**C** £275
B £225	**D** £375

Answers

1	2	3	4	5	6	7
8	9	10	11	12	13	Total

Tutor Comments

Answer sheet

Level 1 Percentage questions

1 – **C** 25%
2 – **C** 80%
3 – **C** 100
4 – **C** 26%
5 – **A** A little less then a quarter
6 – **D** 1500
7 – **C** 1500
8 – **A** 30%
9 – **A** 7
10 – **B** 16
11 – **B** 120
12 – **D** 40%
13 – **B** £225

Allow about 20 minutes.