Functional Skills

Level 1

**Topic – Fractions of a Whole**

1 There are 21 members in the weight-watching group.

of the group are men.

How many men are in the group?

A 3

B 6

C 7

D 14

2 A dental nurse sees 30 patients in one week.

She advises of these patients about cleaning their teeth.

How many patients does she advise?

A 6

B 10

C 12

D 18

3 Tickets for a concert cost £40 each.

The organisers donate  of the cost of each ticket to charity.

The amount of money donated from the cost of each ticket to the charity is

A £8

B £16

C £24

D £32

4 A couple spend 70% of their money on food and entertainment.

70% written as a fraction is

A 

B 

C 

D 

5 A store sells floor tiles for £12 a box.

Today the discount price is  off.

How much is of £12?

A £3.00

B £3.33

C £3.60

D £4.00

6 The table shows the number of hot drinks sold in one hour from a stall.

|  |  |
| --- | --- |
| **Drink** | **Number of hot drinks sold** |
| Coffee  Chocolate  Tea | 300  150  450 |
| **Total** | 900 |

What fraction of the hot drinks sold in one hour are coffee?

A 

B 

C 

D 

7 Twenty-four people compete in a long jump trial. Three quarters of them jump more than 3 metres. How many people jump more than 3 metres?

A 6

B 8

C 12

D 18

8 An electrical store has 24 different types of refrigerator.

 of the types of refrigerator have reduced prices.

How many types of refrigerator have reduced prices?

A 6

B 16

C 18

D 32

9 In 2001 the census showed that 30% of the population lived in rented housing.

30% is the same as

A 

B 

C 

D 

10 One week he bakes 1 500 loaves.

 of the loaves are white.

How many loaves are white?

A 300

B 500

C 900

D 1200

11 On a particular day, 48 customers purchased items in the fish section of a pet store.

 of these customers are new to fish keeping.

What is  of 48?

A 6

B 7

C 8

D 16

12 A company buys land to build a new supermarket.

The plot of land has a total area of 24000m2

The developer uses  of the area for parking space.

What is the area of the parking space?

A 6000m2

B 7200m2

C 8 000m2

D 12 000m2

13 A machine operator cuts 25% off the length of a metal bar.

As a fraction, 25% is

A 

B 

C 

D 

14 A man’s usual daily food contains 150 grams of fat.

His doctor advises him to reduce his fat intake by 

What is  of 150 grams?

A 30g

B 60g

C 75g

D 90g

15 A woman sees a microwave oven in a sale.

|  |
| --- |
| **ALL**  Microwave Ovens  **SAVE ⅓ OFF**  marked price |

 of £39.99 is

A £11.99

B £13.33

C £13.99

D £26.66

16 A full can of paint holds 750 millilitres.

There is a part-used can of paint.

The can is  full.

How much paint is in the can?

A 230ml

B 250m1

C 500m1

D 666m1