Fractions – exam questions – Level 1

1. There is a special offer on a camera which
   normally costs £60.
   How much money does a customer save by
   buying this camera at the special offer price?

   A. £15   B. £35
   C. £25   D. £45

   > **Special Offer**
   > **Selected Cameras**
   > **25% off**

2. 1 170 people visited a leisure centre.
   ⅔ went swimming.
   How many people went swimming?

   A. 117   B. 234
   C. 390   D. 780

3. This notice is in a job agency window.
   There are 50 applicants this week.
   How many will still be looking for work in 4
   weeks' time?

   A. 10   B. 20
   C. 30   D. 40

   > **3 out of 5 of our**
   > **applicants find a job**
   > **within 4 weeks**

4. A man puts a deposit on a new house.
   The deposit is 20% of £55 000.
   How much is the deposit?

   A. £275   B. £1 100
   C. £2 750   D. £11 000

5. A hotel normally charges £80 per room per night.
   The hotel reduces the price by 20% during November.
   What is 20% of £80

   A. £8.00   B. £16.00
   C. £20.00   D. £20.80

6. Setting up a new website costs a total of £800.

   90% of this cost is paid to the company who designed the website.

   What is 90% of £800?

   A. £80   B. £720

   C. £90   D. £710

7. In one year a customer gets 5% interest on his £700 savings.

   Which calculation can he use to find the interest?

   A. $\frac{5}{100} \times 700$

   B. $\frac{5}{100} + 700$

   C. $\frac{700}{100} + 5$

   D. $\frac{5}{600} \times 100$

8. In October, a garden centre had a sale.

   A large conifer normally costs £26.00

   What is 15% of £26.00?

   A. £1.30   B. £1.50

   C. £2.60   D. £3.90

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   Autumn Sale
   15 % off all large
   conifers
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9. There are 4 000 people at a concert.

   70% of these bought their tickets in advance.

   How many people at the concert bought tickets in advance?

   A. 400   B. 700

   C. 2 800   D. 3 600

10. The normal price of a carpet is £250.

    What is the price of the carpet in the sale?

    A. £25   B. £50

    C. £200   D. 225

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    SALE
    Carpets 20%
    off today
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Now you write some questions......

Level 1 Adult Numeracy curriculum links

All the Level 1 fraction elements are listed below – although not all are covered in this resource.

N2/L1.1 Read, write, order and compare in words and figures common fractions and mixed numbers
(a) know common equivalent fractions e.g. equivalent to a half, quarters, thirds, fifths, tenths
(b) understand that in unit fractions, the larger the denominator, the smaller the fraction, but that this is not true of non-unit fractions
(c) Understand how a mixed number may be expressed as an improper 'top heavy' fraction

N2/L1.2 Find parts of whole number quantities or measurements (e.g. 2/3 or 3/4)
(a) understand the relationship between unit fractions and division when finding parts
(b) understand that there are different strategies for finding fractional parts

N2/L1.3 Recognise equivalencies between common fractions, decimals and percentages and use these to find part of whole number quantities (e.g. 50% = 1/2, 0.25 = 1/4) and use these to find part or whole number quantities
(a) know common fraction equivalents, e.g. half, quarters, fifths, tenths

N2/L1.11 Solve problems with and without a calculator using whole numbers, fractions, decimals and percentages
(a) know how to change a fraction to a decimal on a calculator
(b) understand the relationship between fractions and division
(c) understand that percentages can be calculated in different ways, one of which is to use the function key (%) on a calculator
(d) know how to interpret a rounding error such as 6.9999999 as 7
(e) know and use strategies to check answers obtained on a calculator
(f) understand that calculators vary and know how to use a preferred model effectively

N2/L1.12 Express one number as a fraction of another
(a) Understand that part of a group compared to the whole group can be written as a fraction (e.g. 4 out of 12 can be written 4/12)

Answers:

1. *A £15*	6. *B £720*
2. *D 780 people*	7. *A 5/100 × 700*
3. *B 20 people*	8. *D £3.90*
4. *D £11 000*	9. *C 2800 people*
5. *B £16*	10. *C £200*