A   Answer

1. $\frac{1}{2}$ m = a   cm   a   **50cm**
    b   mm   b   **500mm**
2. 21 thirds =   whole ones   **7**
3. 50p –   p = 21p   **29p**
4. £8 ÷ 10 =   p   **80p**
5. Find 0.1 of 10cm.   **1cm**
6. 408 ÷   = 6   **68**
7.   – 99.25 = 0.75   **100**
8. 7^2 =   **49**
9. (8p × 8) + (4p × 9) =   **£1.00**
10. £0.78 + £0.46 =   **£1.24**
11. 2.7km – 1900m =   m   **800m**
12. 0.4m – 0.04m =   cm   **36cm**

B   Answer

1. How many pence have the same value as
   a £0.1   a   **10p**
   b £0.9?   b   **90p**
2. Find in millilitres $\frac{1}{2}$ of 15l.   **7500ml**
3. Two angles together make a right angle. One angle is 55°. How large is the other angle?   **35°**
4. Divide the sum of the digits from 1 to 6 inclusive by 3.   **7**
5. Write the time 35 minutes before 18:10 using the 24-hour clock format.   **17:35**
6. Subtract $1\frac{3}{8}$ from 6.   **$4\frac{5}{8}$**
7. Find the difference in grams between $\frac{1}{2}$ kg and $\frac{3}{10}$ kg.   **200g**
8. How many balloons costing 6p each can be bought for 84p?   **14**
9. $\frac{1}{4}$ l costs 8p. Find the cost of $2\frac{1}{2}$ l.   **80p**
10. Change each of these fractions to hundredths.
   a $\frac{1}{20}$ a   **$\frac{5}{100}$**
   b $\frac{7}{20}$ b   **$\frac{35}{100}$**
11. Write the missing numbers in this sequence.
   2, 4, 8, ▦, ▦, 64   **16   32**
12. $\frac{5}{6}$ of a sum of money is £35. Find the whole amount.   **£42**

C   Answer

1. Find the difference in grams between the largest and the smallest of these masses.

300g	0.4kg	$\frac{1}{2}$ kg	1.1kg

  800g

2. Find the total value of these coins.   **£2.05**

(20p) (10p 10p) (50p 50p 50p) (5p 5p 5p)

3. This clock is 7 minutes slow. How many minutes is it from the correct time to midnight?   **31min**
   evening

4. Which of the lines are perpendicular to the line XY?   **K, M**

5. 5m of carpet costs £3.00. Find the cost of
   a 1m   a   **60p**
   b 20cm.   b   **12p**
6. Through how many right angles does the hour hand of a clock turn in 24 hours?   **8**
7. Each square represents 1 square centimetre.
   a Count the squares to find the area of the rectangle.   a   **12cm²**
   b Find its perimeter in centimetres.   b   **16cm**
8. What number is 9 less than 4?   **–5**
9. A 20m piece of wood is cut into 100 equal pieces. Find the length in centimetres of one piece.   **20cm**
10. In a sale, shoes were reduced by 12p per £1. How much was paid for the shoes, which cost £10 before the sale?   **£8.80**
11. In a library there were 158 non-fiction books and 132 fiction books. How many short of 350 books was the total?   **60**
12. Write the letter of the shape that is
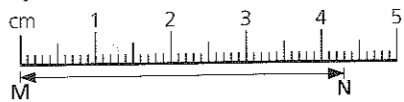   a a rhombus   a   **X**
   b a parallelogram.   b   **Z**

W   X   Y   Z

A   Answer

1. £15.00 ÷ 100 =   p   **15p**
2. 1.8kg – 900g =   g   **900g**
3. 47 × 7 =   **329**
4. 8^2 =   **64**
5. $\frac{3}{10}$ of 1 hour =   min   **18min**
6. 180ml × 100 =   l   **18l**
7. 6.30 p.m. to midnight =   h   **$5\frac{1}{2}$ h**
8. Five 5ps +   10ps = £3.65   **34 10ps**
9. 0.35 × 6 =   **2.10**
10. 0.3 + 0.07 + 3.5 =   **3.87**
11. 3.05m – 0.5m =   cm   **255cm**
12. £4 –   p = £3.11   **89p**

B   Answer

1. Complete this sequence.
   950, 975, ▦, ▦, 1050   **1000   1025**
2. Multiply 2.5 by 6.   **15.0**
3. How many times can $\frac{1}{12}$ be taken from a whole one?   **12**
4. Multiply XII by VIII and give the answer using Roman numerals.   **XCVI**
5. How many centimetres in $\frac{1}{10}$ of 6.2m?   **62cm**
6. Divide 2 by 5. Write the answer as a decimal fraction.   **0.4**
7. Find the total distance in kilometres of 350m, 900m and $\frac{3}{4}$ km.   **2km**
8. What fraction of £3 is 30p?   **$\frac{1}{10}$**
9. Reduce £6 by £1.73.   **£4.27**
10. Find the cost of 2l, if 200ml cost 8p.   **80p**
11. Write the fraction that lies midway between $\frac{3}{8}$ and $\frac{5}{8}$ in its lowest terms.   **$\frac{1}{2}$**
12. The temperature dropped from 4°C to –6°C. By how many degrees did it fall?   **10°C**

C   Answer

1. How many 75ml bottles can be filled from $7\frac{1}{2}$ l?   **100**
2. Find the length of a line 10 times the length of the line ST
   a in centimetres   a   **55cm**
   b in metres.   b   **0.55m**
   S |———55mm———| T
3. Write the next fraction in this sequence. $\frac{1}{8}, \frac{1}{4}, \frac{3}{8}, \frac{1}{2},$ **$\frac{5}{8}$**
4. Use this part of a calendar to find

March				
Mon	7	14	21	28
Tues	1	8	15	22	29

   a the date of the 3rd Monday in March   **a 21st**
   b the day of the week upon which 1 April falls.   **b Friday**
5. Biscuits cost 9p for two. Find the cost of 18.   **81p**
6. Name this triangle (25°, 140°)
   a by its angles   **a obtuse**
   b by its sides.   **b scalene**
7. Find the perimeter of a rectangle 6m long and $3\frac{1}{2}$ m wide.   **19m**
8. The mass of box Y is half the mass of box X. Find in kilograms and grams the total mass of the two boxes.   **1kg   950g**
   X 1kg 300g   Y
9. Chloe and Jack shared £5 so that Jack had 50p less than Chloe. How much did Jack have?   **£2.25**
10. The line MN is drawn to a scale of 1cm to 1m. Write in metres and centimetres the length represented by the line MN.   **4m   30cm**
   cm   1   2   3   4   5
   M   N
11. Of the money Hanna receives each week she spends $\frac{3}{5}$ and saves the remainder, which is 20p. How much money altogether does she receive each week?   **50p**
12. A pack of 20 pins costs 40p. Find the cost of
   a one pin   a   **2p**
   b 10 packs of pins.   b   **£4.00**