

A	Answer
1 three 50ps and thirteen 10ps = £	£2.80
2 $5l \div 4 =$ ml	1250ml
3 $4h.27min + 2h.35min =$	7h 2min
4 6% of 500ml =	30ml
5 $3.75m - 2800mm =$ mm	950mm
6 $1.12 \div 8 =$	0.14
7 $14 - 5\frac{3}{8} =$	$8\frac{5}{8}$
8 $\frac{4}{5} \times \frac{3}{5} =$	$\frac{12}{25}$
9 $10 - 2 \times 5 + 9 \div 3 =$	3
10 Write as decimal fractions. a 23% b $\frac{3}{15}$	a 0.23 b 0.2
11 0.25 million + 6700 =	256700
12 $£ \div 7 = £2.67$	£18.69

B	Answer
1 Subtract half of £4.36 from £5.	£2.82
2 Find in litres the total of 375ml, 0.325l and 0.25l.	0.950l
3 Find in millimetres $\frac{7}{10}$ of 8cm.	56mm
4 Multiply 50 by $1\frac{4}{5}$.	90
5 What distance is travelled in 40min walking at an average speed of 6km/h?	4km
6 Write as a percentage. a 30p of £2 b 30p of £4	a 15% b 7.5%
7 1m of felt costs £6. Find the cost of 90cm.	£5.40
8 How many thousandths have the same value as 16 hundredths?	160 thousandths
9 Write 5cm of 10m as a fraction in its simplest form.	$\frac{1}{200}$
10 Find the difference between 100 times £0.36 and 1000 times £0.36.	£324
11 a Write as a decimal to the nearest tenth $9\frac{37}{100}$. b Write to the first decimal place 8.64.	a 9.4 b 8.6
12 miles = 32km	20 miles

C	Answer
1 Write as a fraction in its lowest terms. a 2p of 10p b 5p of £1	a $\frac{1}{5}$ b $\frac{1}{20}$
2 Calculate angle x and angle y.	$\angle x = 88^\circ$ $\angle y = 135^\circ$
3 Find the total mass of 50 packets each having a mass of 3.56kg.	178kg
4 Alice pays £9.00 per week for meals at work. The price of a meal is to be increased by 5%. How much will she pay then?	£9.45
5 This is a reading of the number of kilometres travelled by a car. 09998.7 How many kilometres short of 10000km has the car travelled?	1.3km
6 Share £55 in the ratio of 2:3.	£22 £33
7 Which of the triangles X, Y or Z has a three lines of symmetry b one line of symmetry c no line of symmetry?	a Z b X c Y
8 10 bananas cost £1.40. Find the cost of 25.	£3.50
9 Find the area of this shape in mm^2 .	500 mm^2
10 For which of the examples below is a 100 the best approximation b 10 the best approximation?	a 10×9.9 b 10×0.99
11 Jack delivers newspapers on each of six days. The deliveries take 55min each day. He is paid 80p per hour. How much does he earn each week?	£4.40
12 Liz travelled to Blackpool in $2\frac{1}{2}h$ at an average speed of 64km/h. How far did she travel?	160km

A	Answer
1 $2 \times 34 \times 5 =$	340
2 $£3.73 + £1.17 + 90p = £$	£5.80
3 $\frac{3}{8} \times \frac{2}{3} =$	$\frac{1}{4}$
4 $855g + g = 1.25kg$	395g
5 a 86p = % of £1 b 50p = % of £5	a 86% b 10%
6 $\frac{232}{8} = x$. Find the value of x.	29
7 $3.5l - (750ml \times 4) =$ ml	500ml
8 $\frac{7.5}{20} = \frac{y}{y}$ Find the value of y.	150
9 $200 \times 0.018 =$	3.6
10 100 miles = km	160km
11 $£10 - (£2.27 \times 3) =$	£3.19
12 $(6 \times 0.5) - (7 \times 0.25) =$	1.25

B	Answer
1 Write $77 \div 8$ as a an improper fraction b a mixed number.	a $\frac{77}{8}$ b $9\frac{5}{8}$
2 A magazine is 1.8mm thick. What would be the height of a pile of a five magazines b 15 magazines?	a 9mm b 27mm
3 How many days inclusive from 19 October to 6 November?	19
4 How many thousands in a quarter of a million?	250Th
5 How many grapes costing 2p each can be bought for £5.90?	295
6 One can contains 1.25l and another 950ml. Find the average contents in litres.	1.1l
7 Write as a decimal. a 850g of 1kg b 730g of 1kg	a 0.85 b 0.73
8 The height of a triangle is 20cm and the area is 160 cm^2 . Find the length of the base.	16cm
9 Divide the total of £3.87 and £4.33 by 4.	£2.05
10 Write as a decimal. a $\frac{9}{20}$ b $\frac{7}{25}$	a 0.45 b 0.28
11 Find the distance covered in 20min at an average speed of 15km/h.	5km
12 8% of a sum of money is 24p. Find the whole amount.	£3.00

C	Answer
1 Write each of the following to the nearest whole unit. a 8.502kg b 6.92l	a 9kg b 7l
2 How many jars of jam costing 80p each can be bought for £4.80?	6
3 Which of these decimals is equal to a 25% b $2\frac{1}{2}\%$? 2.5 0.025 0.25 25.0	a 0.25 b 0.025
4 Write the value of each. a $24 + 6 \div 3 - 1$ b $(24 + 6) \div (3 - 1)$ c $(24 + 6) \div 3 - 1$	a 25 b 15 c 9
5 Find the area of the shape.	136 cm^2
6 Write in kilometres per hour a speed of 9km in 10min.	54km/h
7 A discount of £8 was given when paying a bill of £64. Write the discount as a a simple fraction in its lowest terms b a percentage.	a $\frac{1}{8}$ b 12.5%
8 The mass of £1 worth of 1p coins is 356g. What is the mass of 25 of the coins?	89g
9 The line AB has been drawn to the scale 1cm to 5km. Find the distance represented by the line.	27km
10 AB is a part of the circumference of a circle 2.8cm in diameter. Find in millimetres the length of the line OD.	14mm
11 The population of a town in 1950 was 1.0 million. By the year 2000 there was a 10% increase. Write in millions the population in the year 2000.	1.1 million
12 This is the net of a box. When the box is made, what will be a the surface area b the volume?	a 250 cm^2 b 250 cm^3