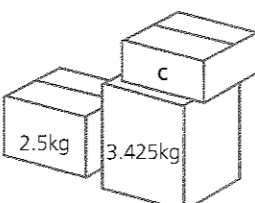
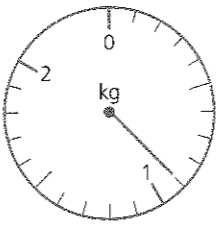
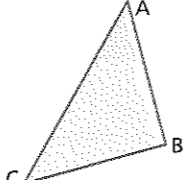
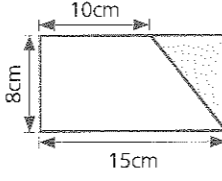
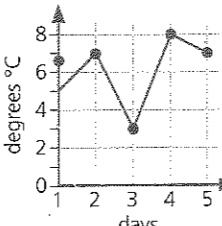


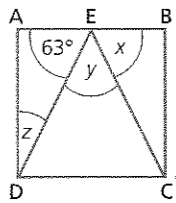
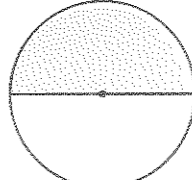

A	Answer
1 $5.384 + 4.16 =$	9.544
2 $4\text{km} - 272\text{m} =$ km	3.728km
3 $£30 \times 27 =$	£810
4 $\frac{£5.18}{6} =$ p r p	86p r 2p
5 1.5 million = thousands	1500 thousands
6 $(6 \times 10^5) + (1 \times 10^4) + (7 \times 10^2) + (4 \times 1) =$	610704
7 $0.75\text{l} =$ cm ³	750cm ³
8 $\frac{3}{4} \times (5 + 1) - 10 \div 2 =$	13
9 $\frac{1}{3} \times \frac{1}{3} =$	$\frac{1}{9}$
10 Find $\frac{3}{8}$ of £36.	£13.50
11 $\frac{48\text{mm} + 72\text{mm}}{4} =$ cm	3cm
12 a 25% of 1.28l = ml	a 320ml
b 75% of 1.28kg = g	b 960g

B	Answer
1 Divide 45kg in the ratio 7:8.	21kg 24kg
2 Find the product of 10 and 0.002.	0.02
3 One article costs 21p. Find the cost of a 10 b 50.	a £2.10 b £10.50
4 1 mile \approx 1.6km. About how many miles is 64km?	40 miles
5 a Increase £2.56 by 100%. b Decrease £2.40 by 50%.	a £5.12 b £1.20
6 By how many grams is twice 2.175kg less than 5kg?	650g
7 How many seconds in a $\frac{1}{3}$ min b 0.25min?	a 20s b 15s
8 £5.60 is shared equally among eight children. Find one share.	70p
9 Change to percentages. a 0.13 b 0.35	a 13% b 35%
10 The area of a square card is 1m ² . Find in centimetres the length of one side.	100cm
11 0.75 of a quantity has a mass of 3.36kg. Find the mass of 0.5 of the quantity.	2.24kg
12 Find the sum of (4×0.7) and (0.7×6) .	7

C	Answer
1 A book costs £2.40. In a sale it is to be sold at 75% of this price. How much will it be sold for?	£1.80
2  The total mass of the three parcels is 7kg. Find in kilograms the mass of parcel C.	1.075kg
3 Ali earns \$5.50 per hour. What is his wage for a 30-hour week?	\$165
4  The scale reading shows the mass of 20 tomatoes. Find the average mass of one tomato.	45g
5 Find the change from £10 after spending £3.60, £2.50 and 99p.	£2.91
6  The right-angled triangle is an isosceles triangle. Find in degrees a $\angle CAB$ b $\angle BCA$:	a 45° b 45°
7 A packet of peas has a mass of 375g. Find in kilograms the mass of six packets.	2.25kg
8  The shaded part is cut from this rectangular card. Find the area of the part that is cut off.	20cm ²
9 Write the next two numbers in this sequence. 24, 17, 10, 3, ...	-4 -11
10 A measurement of 38mm on a plan represents a distance of 38m. What would a 3cm line on the plan represent?	30m
11  The graph shows the temperature for five days. Find the mean daily temperature.	6°C
12 Which two of these fractions together equal $\frac{1}{2}$? a $\frac{1}{4}$ b $\frac{3}{4}$? $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{5}$ $\frac{2}{3}$ $\frac{3}{10}$ $\frac{1}{12}$	a $\frac{1}{5}$ and $\frac{3}{10}$ b $\frac{2}{3}$ and $\frac{1}{12}$

A	Answer
1 $79 + 87 + = 300$	134
2 $10^6 = 10 \times 10 \times 10 \times 10 \times 10 \times 10 =$	1000000
3 $3\text{h } 20\text{min} - 1\text{h } 55\text{min} =$ h min	1h 25min
4 6l 515ml = ml	6515ml
5 $£10.10 \times 10 =$	£101.00
6 $0.75\text{m} + 350\text{mm} + 400\text{mm} =$ m	1.5m
7 $9.18 +$ hundredths = 10	82 hundredths
8 $36 \times 6\text{p} =$ f	£2.16
9 6% of 1kg = g	60g
10 $10^3 - 87 =$	913
11 $7\text{kg} \div 8 =$ g	875g
12 $y \div 5 = \frac{2}{5}$. Find the value of y.	2

B	Answer
1 Write in digits the number one hundred and eleven thousand and one.	111001
2 How much less than 1 tonne is 860kg?	140kg
3 How many £s are equal in value to 10000p?	£100
4 Which three consecutive numbers when added together equal 21?	6 7 8
5 Find a 1% of £75.00 b 11% of £75.00.	a 75p b £8.25
6 20 cost £8. Find the cost of 15.	£6
7 Write 300ml of 0.5l as a a fraction in its simplest form b a percentage.	a $\frac{3}{5}$ b 60%
8 When $y = 2$, $6y = w - 8$. Find the value of w.	20
9 How many 400g packs can be filled from 10kg?	25
10 Write as a decimal. a $\frac{3}{4}$ b $\frac{7}{8}$	a 0.75 b 0.875
11 Write the numbers between 0 and 40 of which both 3 and 4 are factors.	12, 24, 36
12 The length of a rectangle is twice its width. The perimeter is 54cm. Find a the length b the width.	a 18cm b 9cm

C	Answer
1 5% of a 4m roll of ribbon was used. How many centimetres was that?	20cm
2 By how much is the product of $\frac{1}{2}$ and $\frac{1}{4}$ less than the sum of $\frac{1}{2}$ and $\frac{1}{4}$?	$\frac{3}{8}$
3 Four hamsters together have a mass of 200g. How many have a mass of $2\frac{1}{2}$ kg?	50
4 Find the nearest whole number. a $\frac{51}{4}$ b $97 \div 8$ c $156.6 \div 6$	a 13 b 12 c 26
5  ABCD is a square. E is the midpoint of the side AB. Find in degrees the size of each of the angles x, y and z.	$\angle x$ 63° $\angle y$ 54° $\angle z$ 27°
6 £3.52 was received in change from £10 after buying six plants. Find the average cost of a plant.	£1.08
7 A car travels 200km in 2h 30min. Find its average speed in km/h.	80km/h
8  The circumference of this circle is 22cm and the radius is 3.5cm. Find the perimeter of the semicircle.	18cm
9 Find the cost of 2.25kg at £10 per $\frac{1}{2}$ kg.	£45
10 How many cubes with sides measuring 10cm each fit into a cube with sides of 1m?	1000
11  This is part of the dial of a stopwatch which measures to one-tenth of a second. a Write in seconds the reading at Y at Z. b Write in seconds the difference between the readings at Y and Z.	a Y 10.9s Z 12.3s b 1.4s
12 In 4 weeks Jessica travelled 530km, 470km, 640km and 360km. What was the average distance she travelled per week?	500km