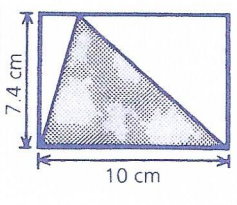
Section 2 Test 5

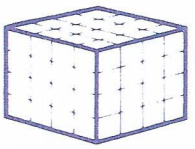
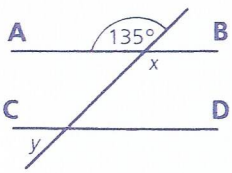
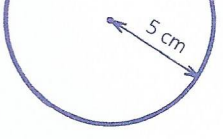
A

		ANSWER
1	20 000 = 20 × 10 × ☐	100
2	0.817 = 8 tenths + ☐ thousandths	17 thousandths
3	57 × 70	3990
4	3.2 m ÷ 8 = ☐ cm	40 cm
5	24 − (18 × 0)	24
6	£20·36 = ☐ TENS + 6p	203 TENS
7	$\frac{4}{5} - \frac{1}{2}$	$\frac{3}{10}$
8	65 mℓ × 100 = ☐ litres	6.5 ℓ
9	2.6 cm + 3.9 cm = ☐ mm	65 mm
10	£☐ × 9 = £40·50	£ 4·50
11	1.5 kg − 280 g = ☐ g	1220 g
12	6 × 5 = 0.1 × ☐	300

B

		ANSWER
1	Write as a decimal 1035 thousandths.	1.035
2	Approximate 59.7p to the nearest penny.	60p
3	(a) $\frac{9}{10} = \frac{☐}{100}$	(a) $\frac{90}{100}$
	(b) Write the fraction as a decimal.	(b) 0.9
4	Which two of these angles when added together make two right angles? 67°, 103°, 87°, 113°	67° 113°
5	How many times is 0.48 less than 480?	1000
6	Find in mm the value of the figure underlined. 7.07<u>5</u> m	5 mm
7	9 out of 25 = ☐ out of 100.	36
8	How much change out of a £5 note after spending £1·46?	£ 3·54
9	$\frac{1}{2}$ kg of tomatoes costs 80p. Find the cost of 100 g.	16p
10	What fraction of $\frac{1}{4}$ ℓ is 150 mℓ?	$\frac{3}{5}$
11	Which of these fractions is between one half and one quarter in size? $\frac{3}{5}$ $\frac{2}{3}$ $\frac{7}{10}$ $\frac{3}{8}$	$\frac{3}{8}$
12	 Find the area of (a) the rectangle	(a) 74 cm²
	(b) the shaded triangle.	(b) 37 cm²

C

		ANSWER
1	How many bottles each holding $\frac{1}{4}$ litre can be filled from $7\frac{1}{2}$ litres?	30
2	A packet of 100 sheets of paper costs £2·30. Find the cost of 150 sheets.	£ 3·45
3	Take the least of these decimal fractions from the greatest. 0.84 0.9 0.865 0.897	0.06
4	Josh swims 15 lengths of the bath which is 20 m long. How many m short of $\frac{1}{2}$ km does he swim?	200 m
5	 The large cube is made from a number of centimetre cubes. (a) How many cm cubes are there?	(a) 64
	(b) 4^3 = ☐	(b) 64
6	Ryan saved 60p which was $\frac{5}{6}$ of his pocket money. How much was all his pocket money?	72p
7	2.8 kg of tea was put into 10 packets of equal mass. How many g were there in each packet?	280 g
8	 AB and CD are parallel lines. Find (a) angle x	(a) 135°
	(b) angle y.	(b) 45°
9	The total cost of 2 full fares and 1 half fare was £55. Find (a) the full fare	(a) £ 22
	(b) the half fare.	(b) £ 11
10	What is the area in m² of a path which measures 29 m long and 50 cm wide?	$14\frac{1}{2}$ m²
11	A distance of 9.875 km was written as '10 km to the nearest km'. By how many m was the approximation incorrect?	125 m
12	 The circumference of a circle is 3.14 times the diameter. Find the length of the circumference of this circle.	31.4 cm