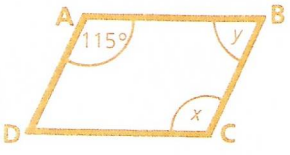
Section 2 Test 4

A

		ANSWER
1	(4×9^2)	324
2	0.9 − 0.09	0.81
3	15p × 4 = £	£ 0·60
4	3694 ÷ 5 = rem.	738 rem. 4
5	(a) 0.12 = %	(a) 12%
	(b) 0.125 = %	(b) 12.5%
6	2 ℓ − mℓ = 1.260 ℓ	740 mℓ
7	$\frac{1}{8}$ of 360°	45°
8	1 m 90 mm = m	1.090 m
9	3 FIFTIES + FIVES = £3·00 − £1·25	5 FIVES
10	11.33 a.m. to 1.27 p.m. = h min	1 h 54 min
11	0.3 × 0.5	0.15
12	Find (a) $\frac{1}{2}$ of $\frac{2}{3}$	(a) $\frac{1}{3}$
	(b) $\frac{7}{8}$ of 4.	(b) $3\frac{1}{2}$

B

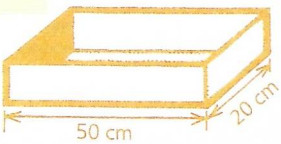
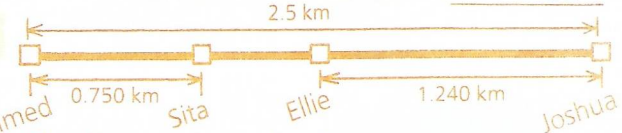
		ANSWER
1	How much is left when £1·67 is subtracted from £2·45?	£ 0·78
2	Write as a decimal fraction (a) $\frac{1}{4}$	(a) 0.25
	(b) $\frac{1}{8}$.	(b) 0.125
3	Write the volume in cm³ of a container which holds 2.250 ℓ.	2250 cm³
4	Find the difference between 100% of £5·00 and 1% of £5·00.	£ 4·95
5	What number is one thousand less than 800 000?	799 000
6	10 articles cost £4·50. Find the cost of (a) 1	(a) 45p
	(b) 7.	(b) £ 3·15
7	How many times can 300 mℓ be taken from 6 ℓ?	20
8	Which two consecutive numbers have a product of 72?	8 9
9	How many days inclusive from 14th December to 17th January?	35
10	Divide £5·00 by 9 to the nearest penny.	56p
11	 ABCD is a parallelogram. Find in degrees ∠x	∠x 115°
	and ∠y.	∠y 65°
12	20% of a sum of money is 85p. What is the whole amount?	£ 4·25

C

		ANSWER
1	A jug holds 750 mℓ. How many mℓ does it hold when it is $\frac{2}{3}$ full?	500 mℓ
2	The interior angles of triangles A, B and C are given. Name each of the triangles by its sides.	

Triangle A	60°	60°	60°
Triangle B	80°	80°	20°
Triangle C	30°	60°	90°

A equilateral
B isosceles
C scalene

		ANSWER
3	A worker charges £4·00 per hour. How much is charged for 3 h 15 min?	£ 13·00
4	5.109 6.5 4.49 2.73 'Round off' each of the above to the nearest whole number and then find the approximate total.	19
5	The diagram shows how the children voted for their favourite sport. What percentage of the children voted for (a) swimming	(a) 25%
	(b) cycling?	(b) 12.5%
6	If 200 children voted, how many more voted for football than for cricket?	75
7	The area of the circle is 78.5 m². Find the area of the shaded sector.	15.7 m²
8	Eight lengths each measuring 2 m 40 cm are cut from a 20-m roll. What length in cm remains?	80 cm
9	When full the tank holds 10 000 cm³.  (a) Find its depth.	(a) 10 cm
	(b) How many ℓ does it hold when full?	(b) 10 ℓ
10	In a freestyle swimming competition, George swam 200 m in 1 min 54.3 s. How many seconds less than 2 min was his time?	5.7 s
11	 The diagram shows the distances between friends' homes. How many m is it from Sita's to Ellie's?	510 m
12	The population of a town of 0.5 million fell by 50 000. What was the percentage fall in population?	10%

Turn back to page 16 and work for the second time Progress Test 1.
Enter the result and the date on the chart.