Section 2   Test 1

A

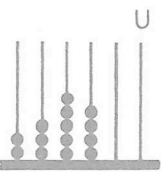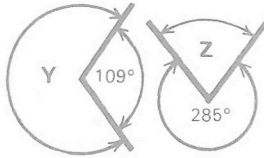|		ANSWER
1	Write in words the number shown on the abacus picture.	two hundred and thirty-five thousand and four hundred
2	Add 1.0, 0.1 and 0.001.	1.101
3	3375 mm = m	3.375 m
4	× 10 = 498 700	49 870
5	£0·75 = 2 TWENTIES + 1 TEN + FIVES	5 FIVES
6	8 kg − 6.075 kg = kg	1.925 kg
7	6 × 5 × 9	270
8	$2\frac{1}{4}$ min = s	135 s
9	$\frac{3}{5}$ of £45 = £	£ 27
10	$\frac{3}{12} + \frac{1}{6}$	$\frac{5}{12}$
11	$3^3 − 2^3$	19
12	Find 15% of £2·00.	30p

B

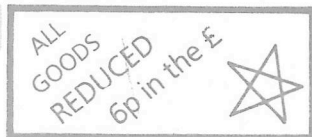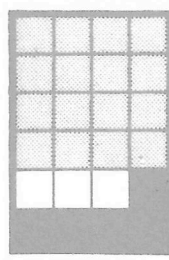|		ANSWER
1	1 metre costs £1·50. Find the cost of 10 cm.	15p
2	Reduce $\frac{12}{16}$ to its lowest terms.	$\frac{3}{4}$
3	To the difference between £5·00 and £2·55 add 6 TWOS.	£ 2·57
4	A square has a perimeter of 320 mm. Find its area in cm².	64 cm²
5	How many times can 0.25 be taken from 1?	4
6	Write, using index notation, 4 × 4 × 4 × 4.	4^4
7	When a drum is $\frac{3}{4}$ full it holds 900 mℓ. How much in ℓ does it hold when it is full?	1.2 ℓ
8	What percentage of £6 is £1·50?	25%
9	Find the volume in m³ of a room 5 m long, 4 m wide and 2.5 m high.	50 m³
10	What fraction in its lowest terms is equal to 12.5% ?	$\frac{1}{8}$
11	How many times heavier is 7.5 kg than 75 g?	100
12	$\boxed{\frac{2}{3} \quad \frac{3}{4} \quad \frac{7}{12} \quad \frac{5}{6}}$ Write these fractions in order of size, the largest first.	$\frac{5}{6}, \frac{3}{4}, \frac{2}{3}, \frac{7}{12}$

C

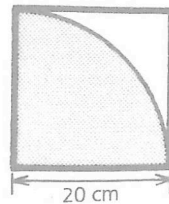|		ANSWER
1	Six 30-cm rulers are placed end to end. How many mm short of 2 m is their total length?	200 mm
2	(a) 1676 (b) 1918 In which century did each of these years fall? Write the answers in figures.	(a) 17th (b) 20th
3	Find (a) the reflex angle Y (b) the acute angle Z.	(a) 251° (b) 75.°
4	$\boxed{3\ 6\ 7\ 5\ 8}$ Write this number and use a decimal point to make the value of the number (a) between 360 and 370 (b) between 30 and 40.	(a) 367.58 (b) 36.758
5	Which number when divided by 6 has $\frac{1}{3}$ as the answer?	2
6	$\boxed{12 \quad 17 \quad 18 \quad 24 \quad 27 \quad 31 \quad 36}$ Which of these numbers have 2, 3 and 4 as factors?	12 , 24 , 36
7	ALL GOODS REDUCED 6p in the £ (a) Find the amount of the reduction on a pair of shoes costing £29·50. (b) What percentage is the reduction?	(a) £ 1·77 (b) 6%
8	A plan is drawn to a scale of 1 mm to 10 cm. Write the scale as a fraction.	$\frac{1}{100}$
9	There are 24 small squares in the diagram. Find as a fraction in its lowest terms the part which is (a) shaded (b) unshaded (c) coloured.	(a) $\frac{2}{3}$ (b) $\frac{1}{8}$ (c) $\frac{5}{24}$
10	$\boxed{£5·75 \qquad £3·25 \qquad £2·99}$ 'Round off' each amount to the nearest £ and then find the approximate total.	£ 12
11	The area of the circle from which the quadrant in the square is cut is 1256 cm². How much greater in cm² is the area of the square than that of the quadrant? (20 cm)	86 cm²
12	$\boxed{346 × 18 = 6228}$ Find (a) 346 × 0.18 (b) 34.6 × 1.8.	(a) 62.28 (b) 62.28