

# Section 2 Test 5

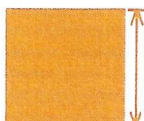
A	ANSWER
1 $36 \text{ mm} + 24 \text{ mm} + 54 \text{ mm} =$ cm	11.4 cm
2 $5 \text{ l} - (480 \text{ ml} \times 5) =$ l	2.600 l
3 $g \times 100 = 6.5 \text{ kg}$	65 g
4 $(9 \times 10^4) + (8 \times 10^3) + (2 \times 1)$	98 002
5 $2.750 \text{ l} \div 2$	1.375 l
6 60% of £2 = £	£ 1.20
7 $0.97 \times 3$	2.91
8 $3 \text{ h } 50 \text{ min} \times 6 =$ h min	23 h 0 min
9 Find $\sqrt{64}$ .	8
10 $9^3 - 9$	720
11 $£30 \div 20$	£ 1.50
12 $£0.50 \times 54$	£ 27.00

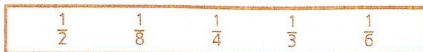
B	ANSWER
1 Write in words the number 40 400. _____	forty thousand four hundred
2 An aircraft flying North turned clockwise through $270^\circ$ . In what direction was it then flying? _____	W
3 Divide £28 in the ratio 4:3. _____	£ 16 £ 12
4 6 articles cost 90p. Find the cost of 5 articles. _____	75p
5 Approximate (a) 0.830 km to the nearest 100 m (a) _____	800 m
(b) 4.080 l to the nearest half litre. (b) _____	4 l
6 (a) How many 8-cm lengths can be cut from a 5-m length? (a) _____	62
(b) How many cm are left over? (b) _____	4 cm
7 What fraction of 10 is $1\frac{1}{4}$ ? _____	$\frac{1}{8}$
8 Write as a decimal fraction (a) 19% (a) _____	0.19
(b) $12\frac{1}{2}\%$ . (b) _____	0.125
9 Decrease £15.00 by 2%. _____	£ 14.70
10 $6 + x + 0.029 = 6.030$ Find x. _____	0.001
11 Find in mm the circumference of a circle with a radius of 50 mm. ( $\pi = 3.14$ ) _____	314 mm
12 $\begin{array}{r} 5.370 \text{ kg} \\ - \quad \quad \text{kg} \\ \hline 4.490 \text{ kg} \end{array}$ Find the missing mass in g. _____	880 g

C

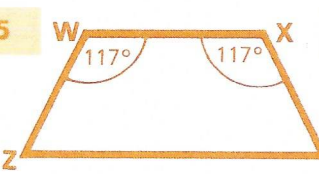
ANSWER

1 20p is saved each week. How long will it take to save £2.60? 13 weeks

2  Find in m the perimeter of this square. 7 m

3  Which of these fractions is equal to  
(a)  $12\frac{1}{2}\%$   
(b)  $33\frac{1}{3}\%$ ? (a)  $\frac{1}{8}$  (b)  $\frac{1}{3}$

4 Find the difference between  $30 \times 4p$  and 30 times 6p. 60p

5  WXYZ is a trapezium. Find in degrees  
(a)  $\angle XYZ$  (a)  $63^\circ$   
(b)  $\angle YZW$ . (b)  $63^\circ$

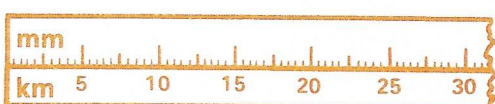
6 Of the 300 people employed at a factory 99% were present. How many people was that? 297

7 

DAY	1st	2nd	3rd	4th
Spent	70p	40p	60p	

 Tom was allowed an average of 50p per day spending money for 4 days. Find how much he had to spend on the fourth day. 30p

8 From Aberdeen to Leicester by road is approximately 700 km. Find to the nearest h the time taken by a truck if the average speed is 60 km/h. 12 h

9  The scale is taken from a map. Find the distance in km represented by a line on the map measuring 3.5 cm. 17.5 km

10 An equilateral triangle has a perimeter of 240 mm. Find in cm  
(a) the length of one side (a) 8 cm  
(b) the length of one side of a regular hexagon of the same perimeter. (b) 4 cm

11 

MARCH					
Mon		7	14	21	28
Tues	1	8	15	22	29
Wed	2	9	16	23	30
Thurs	3	10	17	24	31

 From this calendar find  
(a) the number of Fridays in the month (a) 4  
(b) the date of the third Sunday in the month. (b) 20th

12 Which is the better buy per kg and by how much?  

Y	a 5-kg pack costing 75p
Z	a 1250-g pack costing 20p

Y by 1p