



MATHS PRACTICE PAPER – 3

YEAR 6 (2017)

ANSWER SCHEME

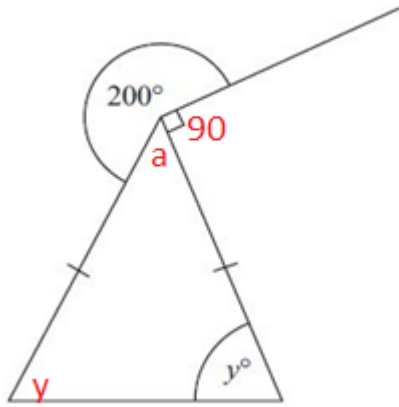
SECTION A

Q.NO	Answers	Q.No	Answers
1	1010	11	3
2	6.41	12	Heptagon
3	108	13	14.57 – 6.91
4	21	14	6 cans
5	21/28	15	0.38
6	-5	16	Diameter
7	2 and 3	17	12 cm, 3 cm
8	0.999	18	1 m 50cm
9	63.2	19	8
10	D	20	125000

SECTION B

Q.No	Answers	Marks
21	85	1
22	a) 11, 17 b) 36, 49	1 1 Total 2 mks
23	262	1
24	a) 5/9 b) shade 3	1 1 Total 2 mks
25	18 + 12	1
26	1750 g - 1350 g = 400 grams	1
27	4, 6, 7, 8, 10 Mean = 7 ; total of 5 numbers = $7 \times 5 = 35$ Numbers given 4, 8, 10 and 7 (median, given in the question) Total of those 4 numbers 29. Missing number $35 - 29 = 6$	2mks
28	34 people chose A ($B = 25\% = \frac{1}{4} = 85$ Total number surveyed = $85 \times 4 = 340$ people % of A = $100 - (25 + 35 + 30)$; $100 - 90 = 10\%$ 10% of 340 = 34 people)	2 marks

35.



Angle $a = 360 - (200 + 90)$ Angles around a point add up to 360°
 $= 70^\circ$

Base angles of an Isosceles triangles are equal .

$Y + y = 180 - 70 = 110^\circ$ (Angles in a triangle add up to 180°)

$Y = 110 / 2 = 55^\circ$

1 mk for $y = 55^\circ$

1 mk for writing all the reasons correctly

Total 2 mks

36 (2, 4)

1

37 $2lb + 2bh + 2lh$
 $(2 \times 3 \times 5) + (2 \times 5 \times 8) + (2 \times 8 \times 3)$
 $30 + 80 + 48 = 158 \text{ cm}^2$

3

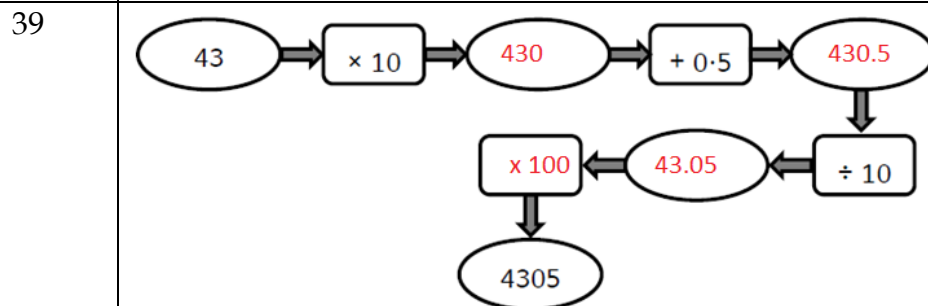
- 38 a) 18°C
 b) 6°
 c) 11.00 and 16.00

1

1

1

Total 3 mks



2

- 40 a) $6/24 = 1/4$
 b) 5:00

1

1

Total 2 mks