

Entrance Examination 2018

Arithmetic Section B

- 1.1) 13.20
- 1.2) 4.60
- 1.3) 8 and 4.40
- 1.4) 22.20
- 2a) 12, 15, 18
- b) 11, 13, 17, 19
- c) 16
- d) 2x7 or 2, 7
1x14 or 1, 14

3)

	Played	Won	Drawn	Lost	Points
A	12	7	3	2	44
B	10	3	4	3	27
C	15	7	2	6	41
D	8	6	0	2	30

NB. for D can't have 3 5 0 as they all lost at least one game

- 4a) Perimeter= 18
Area= 20
Perimeter= 22
Area= 30
- 4b) 40
- 4c) 930
- 5a) 108
- b) 4
- c) 6
- d) 4
- e) 2

- 6a) 10
- b) 21
- c) 36

- 7a) 200
- b) 2.7
- c) 16.2
- d) 8.6
- e) 1.7
- f) 14.1

- 8a) 15
- b) 2
- c) 1
- d) 3
- e) 2
- f) 4
- g) 8

- 9a) 1500
- b) 1.8
- c) 1.2
- d) 2850

- 10a) Volume= 4000
Mass= 20
- b) Volume= 108
Mass= 1.08
- c) Volume= 500
Radius= 5
- d) Volume= 32
Density= 100

11a and b)

		Men	Women	Boys	Girls	TO TAL
R1	At Manchester	80	20	40	60	200
	1 st stop at Macclesfield					
R2	Leaving the train	30	4	18	36	88
R3	Still on the train	50	16	22	24	112

- c) 16