

2008 Arithmetic 2

1.

a)	6	0	b)	10	0
	3	2		7	2
	0	4		4	4
				1	6

2.

- a) Join (1, 15) to (3, 30)
- b) Join (3, 30) to (4, 30)
- c) Join (4, 30) to (7, 0)

3. a) 13, 25, 45

b) 3 and 14

c) 10 and 27

4. a) $x = 17$

b) 14

c) 37

d) 83

e) $\frac{300}{100}$ or $\frac{3}{10}$

5. a) 4, 13, 14

b) 7, 8, 17

c) 48

6. a) $1 + 4 + 2 + 8 = 15 = 5 \times 3$ b) $8 + 9 + 9 = 26$ $1 + 2 + 1 = 4$ $26 - 4 = 22$ c) It is even and $6 + 2 + 4 + 1 + 8 = 21$, so multiple of 3 too.

7. D = 3200, L = 2, D = 96, M = 35, S = 5

8. a) i. C ii. E iii. D iv. H

b) Soozy and Timi

c) B, D, G, F, A

9. a) $2 \times 18 = 9 \times 4$

b) 3.5

c) 6

d) 13

e) 17.5

10. 15, 19, 18, 14, 10, 17, 16, 13, 12, 11

11. a) 100

b) 14

c) 13

d) 8

e) 4

Data

Flight

4 full, 1 cheaper at £140

Total £1540

Villa

1 adult £240

1 child £144

Total £768

Car Hire

Hire 900 wots

Mileage 240 miles

Fuel 40 litres

Cost of fuel 720 wots

Total 1620 wot

£108