

# St Paul's Girls' School: 11+ Maths Sample Paper 1



**School:** St Paul's Girls' School

**Subject:** Maths

**Level:** 11+

**Time:** 75 mins total (25 mins for each section)

**Type:** Sample Paper 1

**Year in use:** since 2011 (Currently downloadable from the school's website. Last confirmed – end of 2014)

## Section A

Q.	Answer	Solution
1.	0.21	
2.	221.1	
3.	459	
4.	£110.50	



5. 6

6.  $\frac{1}{4}$  of 40;  
 $\frac{1}{2}$  of 150;  
 $\frac{2}{3}$  of 30

7. 0.007

8. 0.08

9. 624, 626, 642, 646, 661, 664

10.  $3 \times 7 \times 11$

11. 6, 10, 14

12. 0.75, 1.5, ... 96

13. Alysha has 8 biscuits  
Julia has 6 biscuits

14. 4



15. 0.15 grams

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16. 8 oranges

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17. 28 girls

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18.  $117 \text{ cm}^2$

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19.  $32 \times 32 = 1024$

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20.  $323 \times \underline{4}7 = 1518\underline{1}$

# Section B

Q.	Answer	Solution
1.	C	
2.	A = 8 B = 6 C = 9 D = 7 x = 30 y = 29	
3.	16	
4.	(a) 13:04 (b) 19:30	
5.	11p	
6.	(a) 82 (b) 16	



7. 99

8. Dana = £22.5  
Harry = £42.5  
Charlotte = £75.5  
Sid = £93.5

9. (a) 103 fangos  
(b)  $\frac{2}{15}$   
(c) 3 bangos and 4 fangos

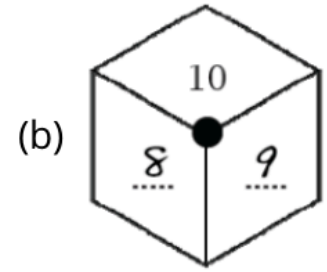
10. B

# Section C

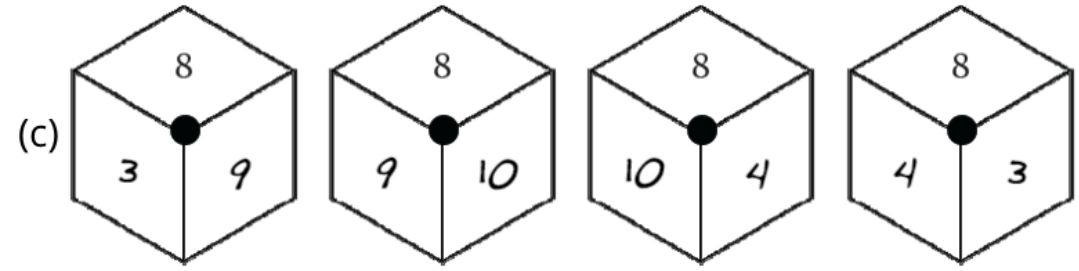
Q.	Answer	Solution
1.	(a) They are all multiples of 7 (b) 56 (c) 700 (d) Row 11 (e) 80 (f) Row 58 Column 1	
2.	(a) $E_7 = 56 ; N_8 = 36 ; N_9 = 45$ (b) $N_{401} - N_{400} = 401$ (c) $O_{13} = 169$ (d) $N_{10} = O_5 + E_5$ (e) $E_{100} = 10100$ (f) $E_{200} = 40200$	
3.	(a) 11 (b) 17	



(a) 19 ; 15



4.



- (a)
- (b)
- (c)

5.