

# London Independent Girls' Schools Consortium (Group 1): 11+ Maths 2009

School: London Independent Girls' Schools Consortium (Group 1)

Subject: Maths

Level: 11+

Time: 75 mins

Type: Past Test Paper

Year in use: 2009

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Q.	Answer	Solution
1.	27427	
2.	41096	
3.	814	
4.	2.38 m	
5.	$\frac{2}{3}$	
6.	(smallest) $\frac{3}{5}$ , $\frac{29}{45}$ , $\frac{2}{3}$ (largest)	



7. 0.092

8. 63

9. 144

10. 9,012,213

11. 1265 km

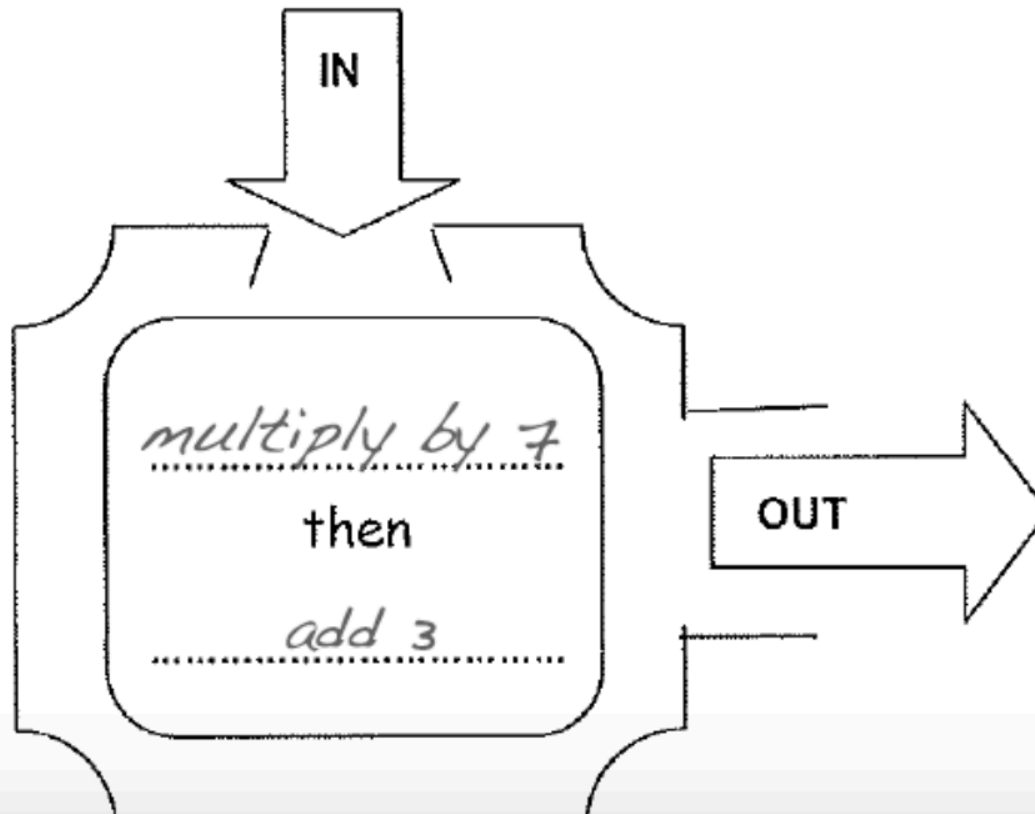
12. (a) 5  
(b) £5.44

Number IN	Number OUT
7	25
2	5
10	37
21	81

(a)

(b)

13.





14. (a) 168 cm  
(b) 90 cm

15. £463

16. (a) 23 °C  
(b) -12 °C  
(c) 35 °C  
(d) 68 °F  
(e) 15 °C

17. (a) 14:05  
(b) 21:00

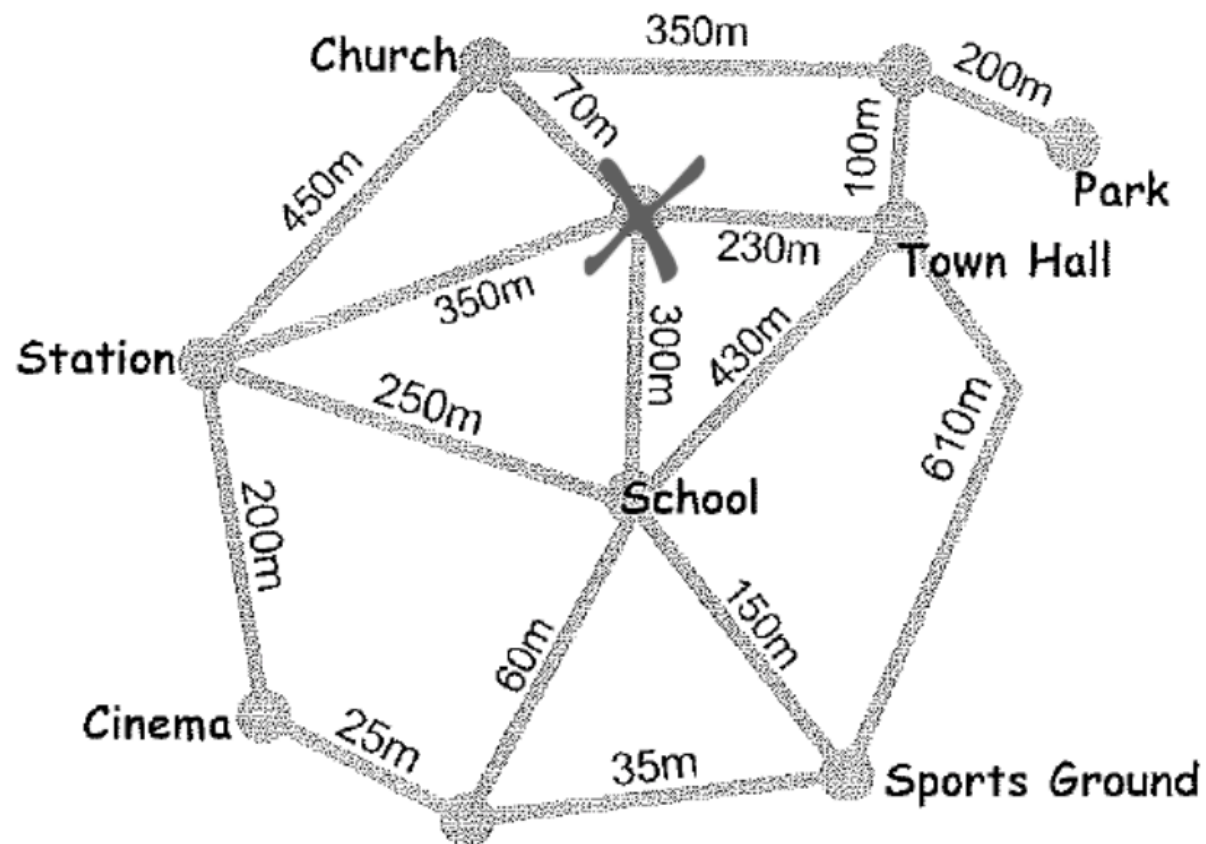
18. (a) 66 °C  
(b) 4 mins 18 secs  
(c) 5 mins 48 secs  
(d) 48 °C

19. 19

20. 16 units

21. 59

(a)



22.

(b) 815 m

23.

(a) 15 mins

(b) 15 mins

24.

(a) 18

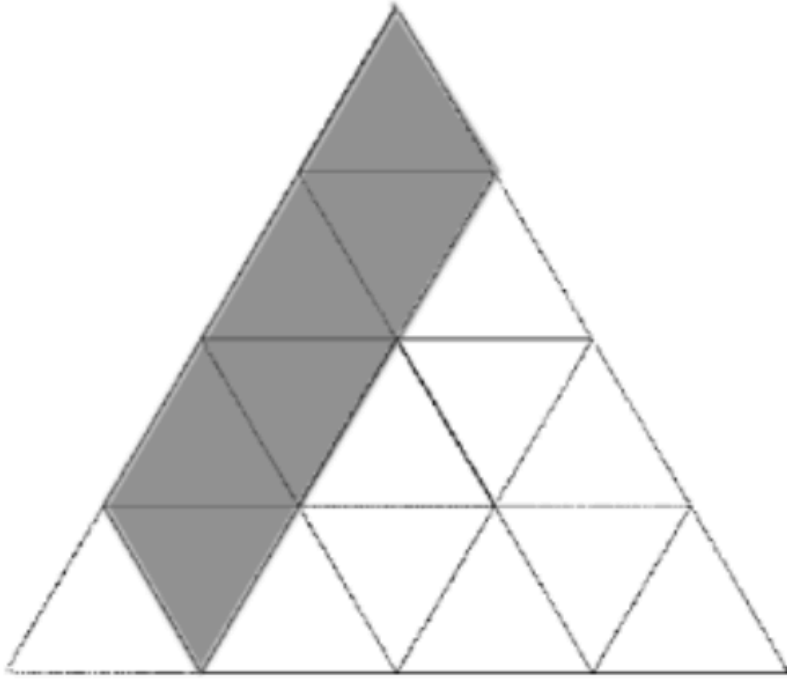
(b)  $50^\circ$

25.

$\frac{3}{16}$



26.



27.

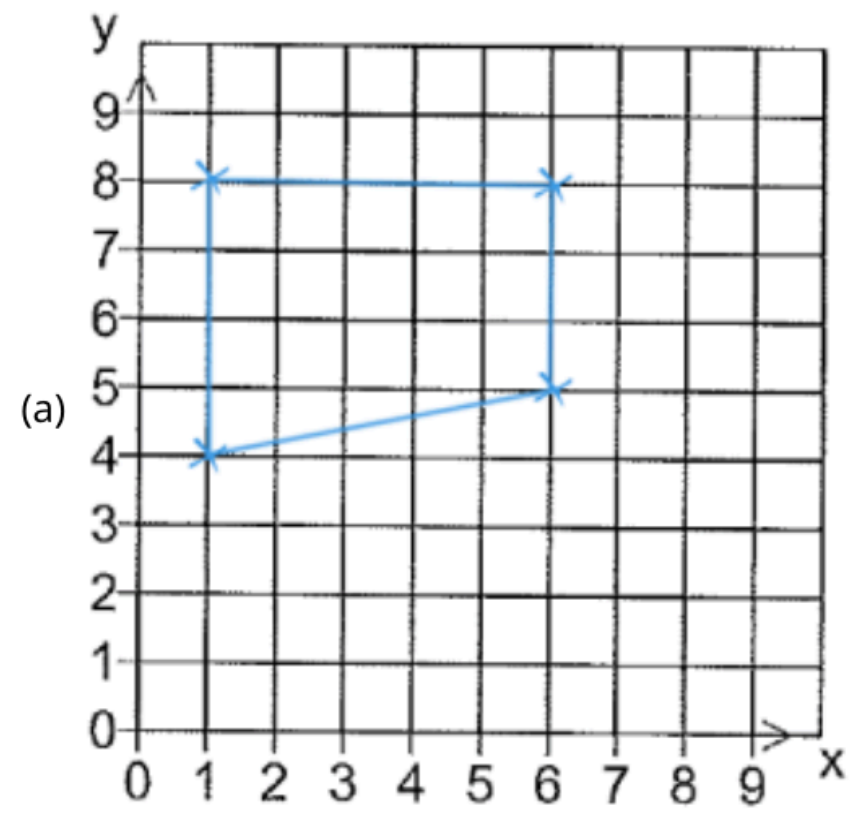
- (a) South West
- (b)  $135^\circ$
- (c)  $225^\circ$
- (d) South East

28.

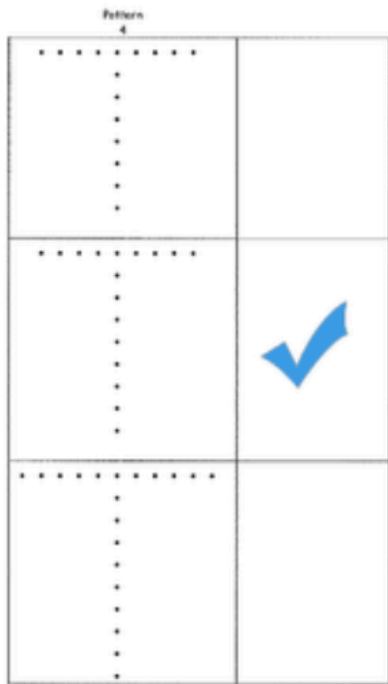
- (a)  $x = 2 \text{ cm} ; y = 6 \text{ cm}$
- (b)  $52 \text{ cm}$
- (c)  $72 \text{ cm}^2$



29.



(b) Trapezium



(a)

30.

(b)

Pattern Number	1	2	3	4	5
Number of Dots	5	9	13	17	21

31.

- (a) 10 cm
- (b) 100 cm<sup>2</sup>
- (c) 900 cm<sup>2</sup>

32.

15p

33.

- (a) 5/18
- (b) 11

34.

24





35. (a) 5  
(b) 6  
(c) 9

36. A=8 , B=1, C=6, D=4, E=9, F=3, G=5

37. (a) 144  
(b) 39  
(c) 22nd  
(d) 91  
(e) 855