



London Independent Girls' Schools Consortium (Group 2): 11+ Maths 2014

School: London Independent Girls' Schools Consortium (Group 2)
Subject: Maths
Level: 11+
Time: 75 mins
Type: Past Test Paper
Year in use: 2014

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Q.	Answer	Solution
1.	7134	
2.	2745	
3.	6055	
4.	479	
5.	37 and 38	
6.	2080	

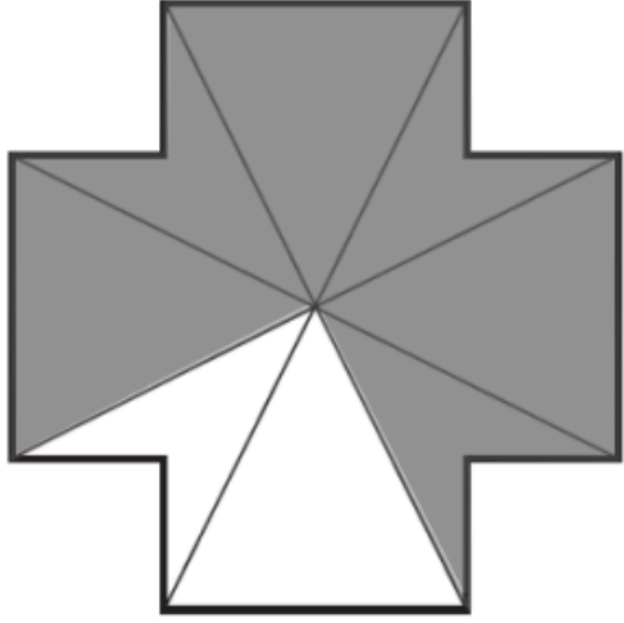
7. 3.564

8. (a) 36
(b) 60

9. 0.80

10. 52

11. (a) 7
(b) 31
(c) $1\frac{1}{2}$



12.

13. (a) 18
(b) -17

14. 140.4

15. 20 years 11 months

16. (a) (i) 225 (ii) 135
(b) 40

(a) 16 (for the lower input) ; 126 (for the upper output)

17. (b) Answer: x4 then -12 or
-3 then x4

(a) 14

18. (b) 4 or 9

(c) Prime Numbers

(a) 1.16

(b) 3.95

19.

(a) (i) 7.0 (ii) 1.16

(b) 26

20.

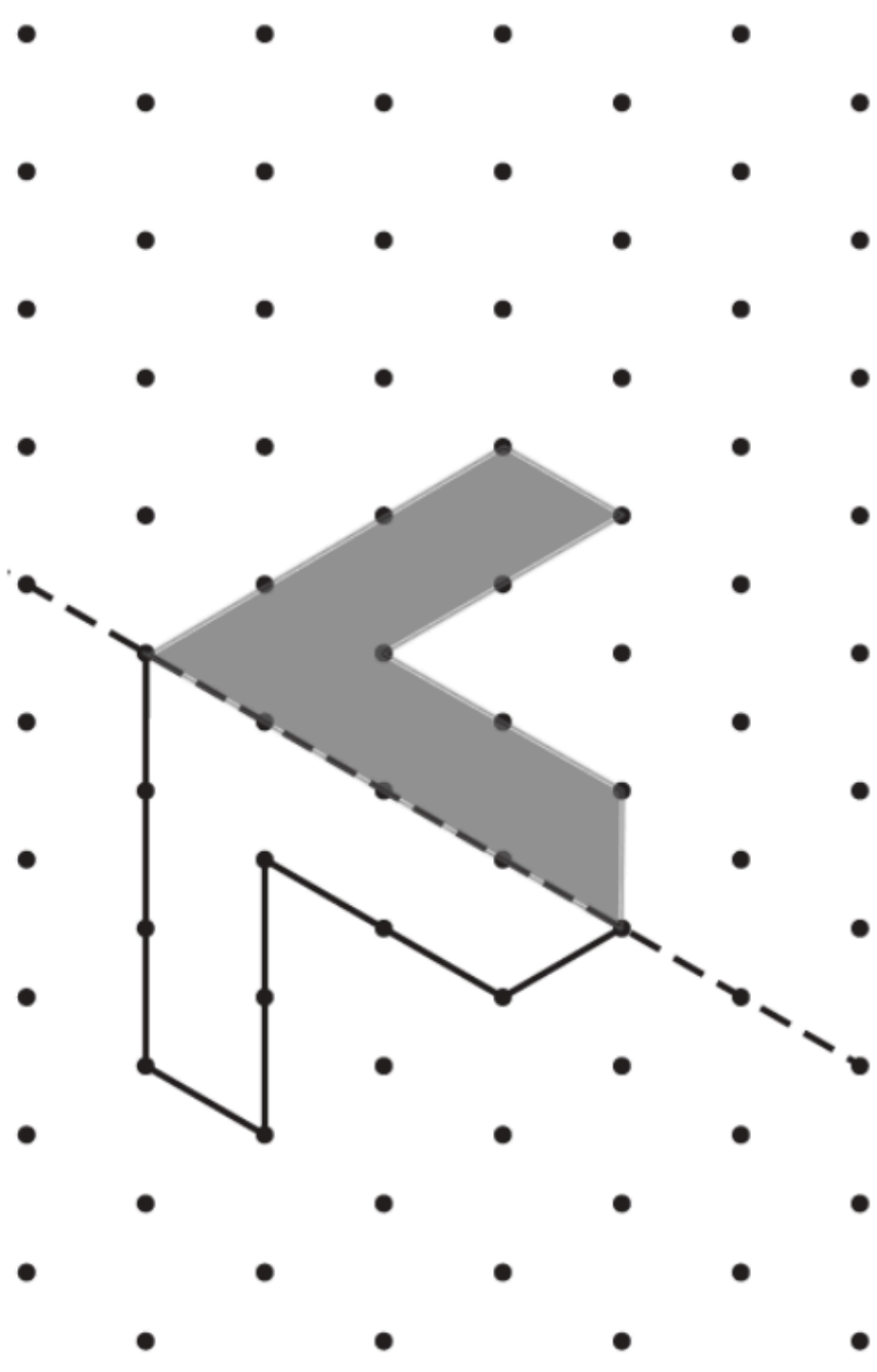
21. 52.2

(a) 9

(b) 5

22.

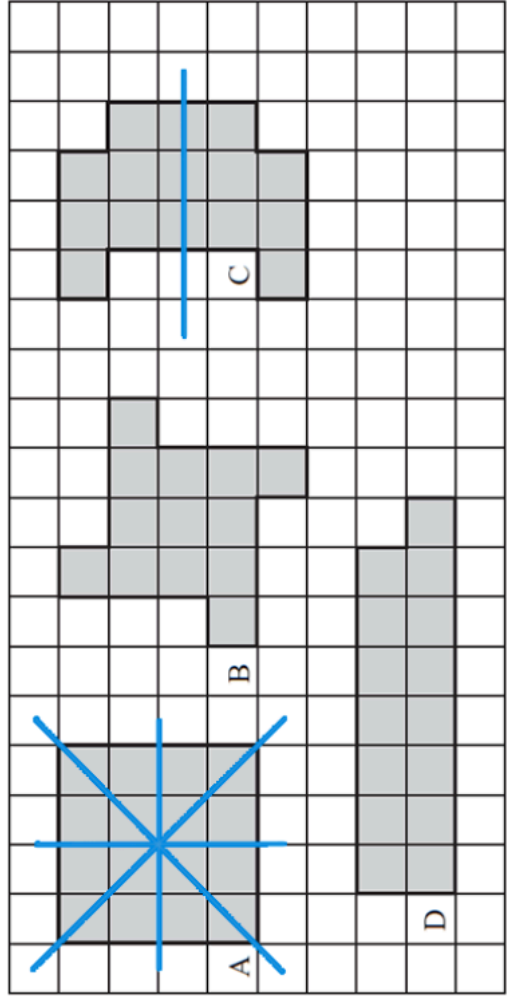






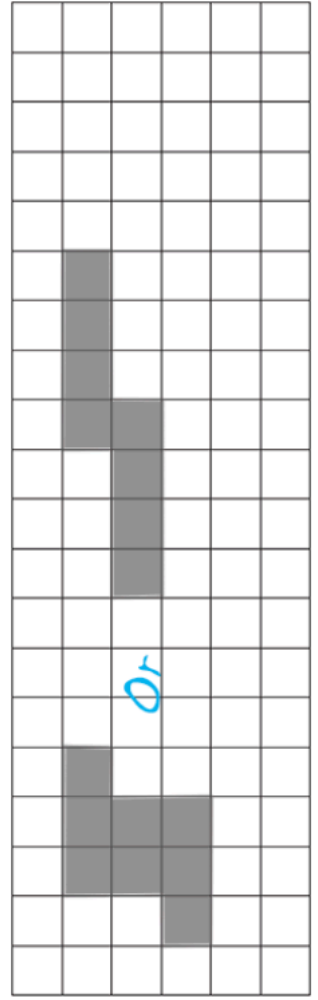
(a) A

(b)



24.

(c)



(a) 13:41

(b) 19:15

(c) (i) 39 (ii) 30

25.

(a) 25

(b) $1/12$

(c) 6

(d) 30

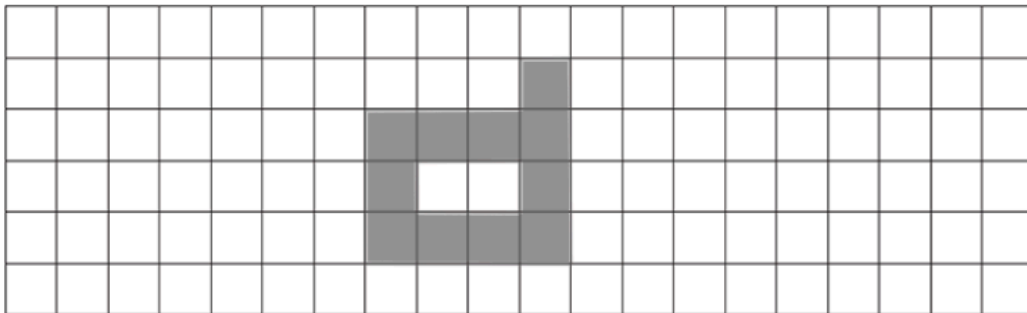
26.

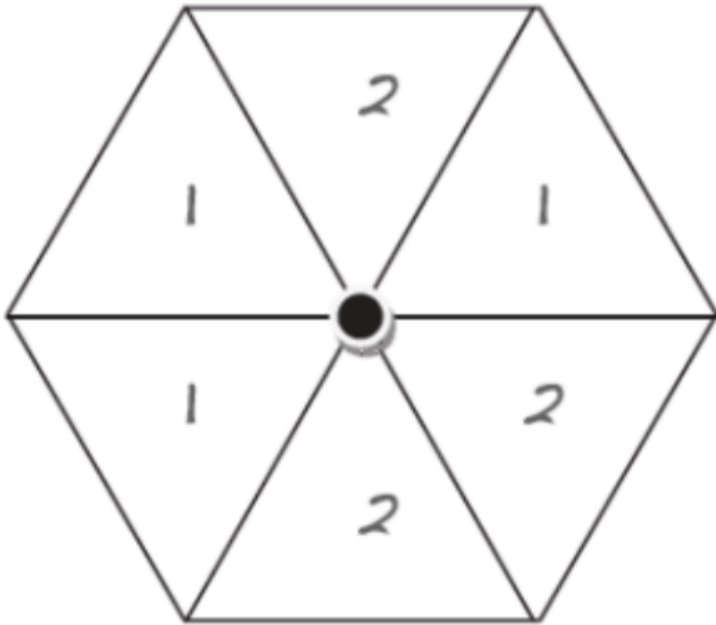
(a) 18

(b) Front view : B ; side view : C

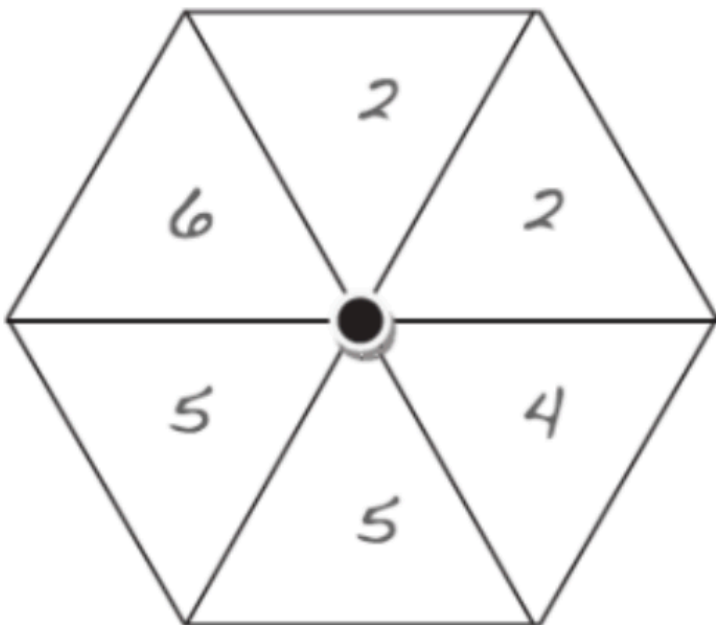
(c)

27.





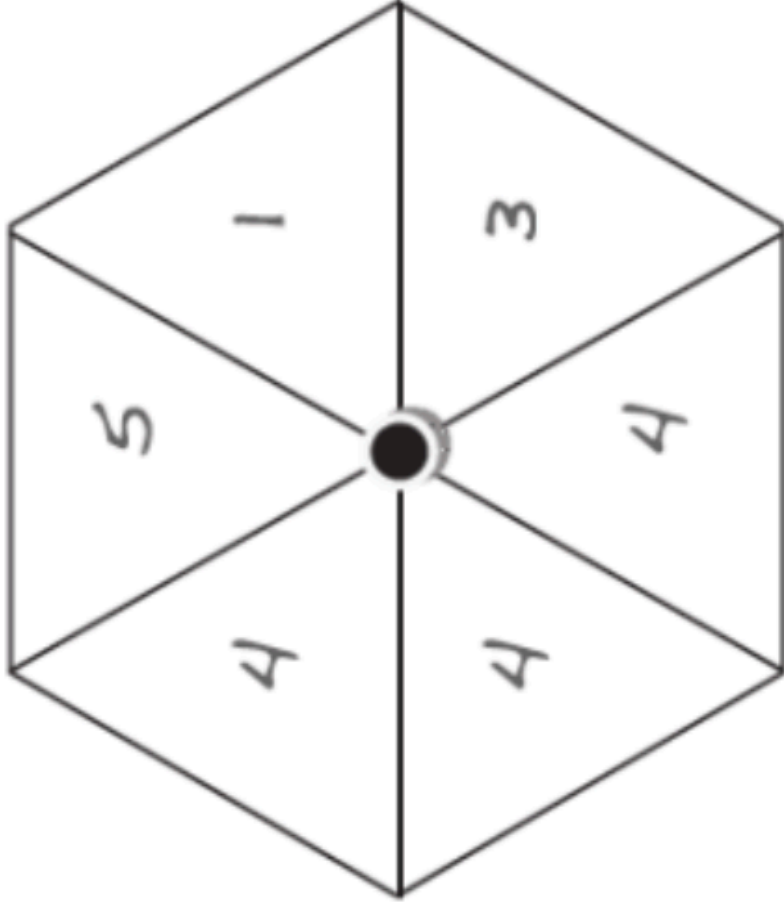
(b) Two of the triangles must be 5, and the rest must be any even numbers smaller than 6. For example,



28.



(c) Three triangles must be filled with 4 (which is an even and also a square number). The rest of the triangles can be any odd number between 1 to 6. For example,



29. (a) 1.45
(b) 29
(c) 27
(d) 2.80

30. (a) (4 , 7)
(b) (10 , 2)

31. (a) 13
(b) 16
(c) 96

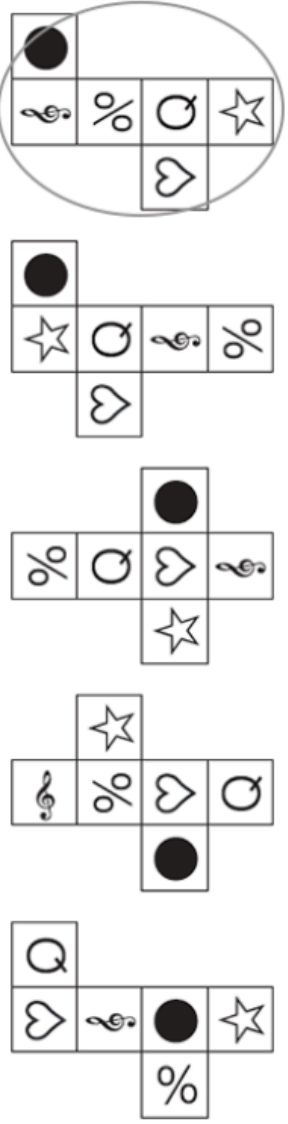
32. (a) 30
(b) 15
(c) 70

33. 24

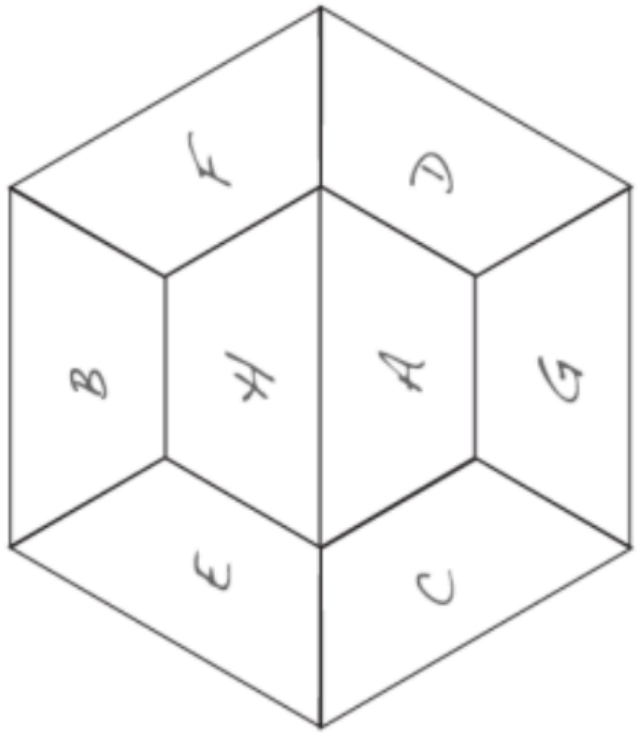
34. 

35. 48

36. (a) 250
(b) 8



37.



38.

39. (a) 8.45 am
 (b) On Friday at 11:10 am

40. 5040

41. 3