

London Independent Girls' Schools Consortium (Group 1): 11+ Maths 2012



School: London Independent Girls' Schools Consortium (Group 1)
Subject: Maths
Level: 11+
Time: 75 mins
Type: Past Test Paper
Year in use: 2012

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Q.	Answer	Solution
1.	9134	
2.	8778	
3.	2303	
4.	917	
5.	(a) 1920 (b) 220	
6.	63	

7. 1.006

8. 30

9. 19.8

10. (a) 31
(b) 2
(c) 10000

11. (smallest) 52.4, 52.402, 52.42 (largest)

12. 11 and 6

13. (a) -6°C
(b) -11°C

14. (a) 18
(b) £4.40

15. 2 years 9 months

16. (a) 11
(b) 13
(c) 6
(d) 1



17. (a) 75 grams
(b) 1250 grams pasta
375 grams cheese
500 millilitres cream

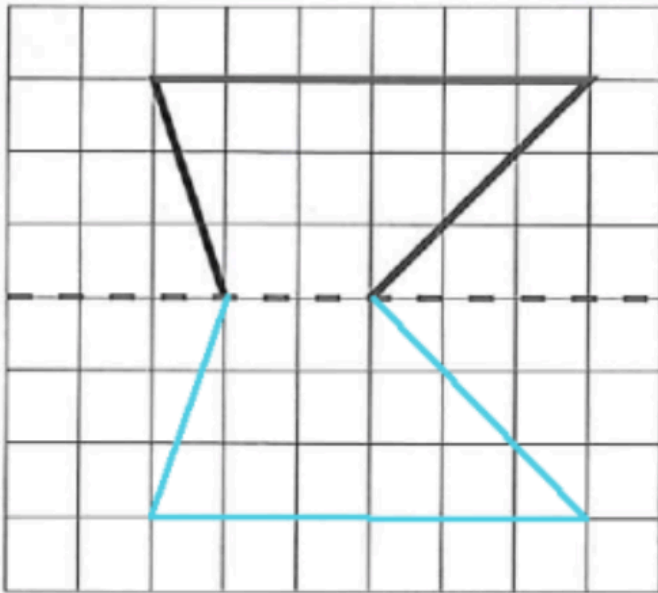
18. £2, 50p, 2p, 2p

19. 32

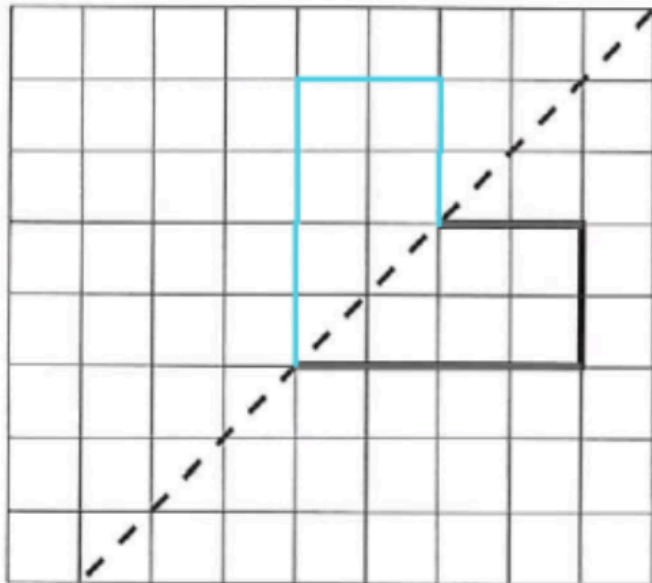
20. (a) $\frac{2}{3}$
(b) 37.5%

21. 4.5 m

22. (a) 87
(b) 60



23.



24.

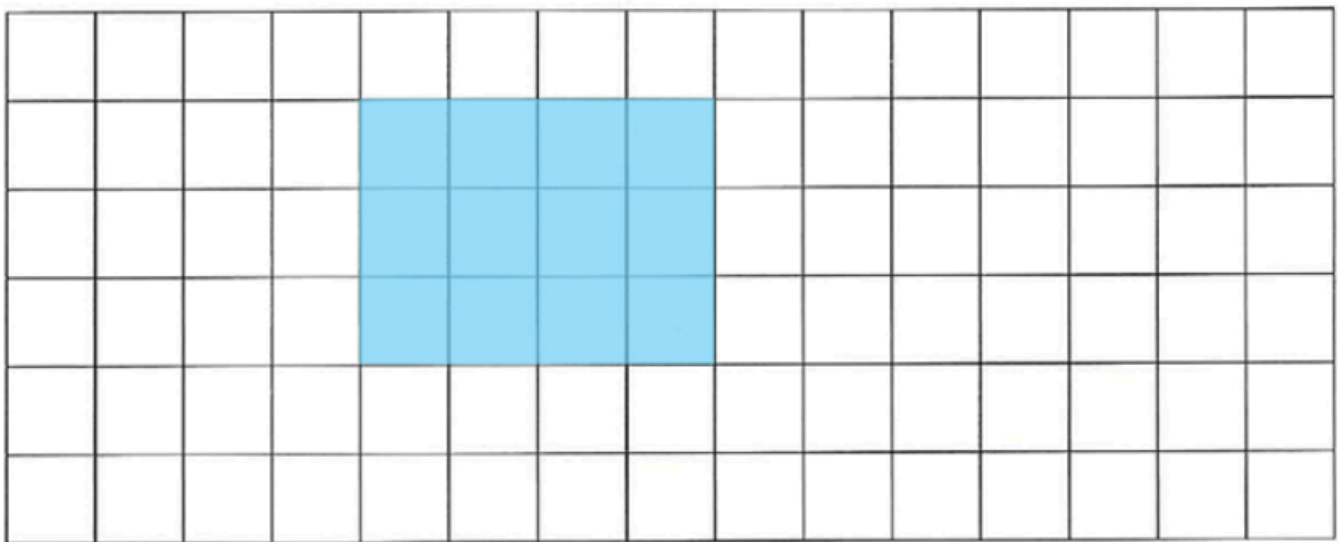
- (a) 7.6 cm
- (b) 22:12
- (c) 10:25 pm



(a) 12 cm^2

(b)

25.



26.

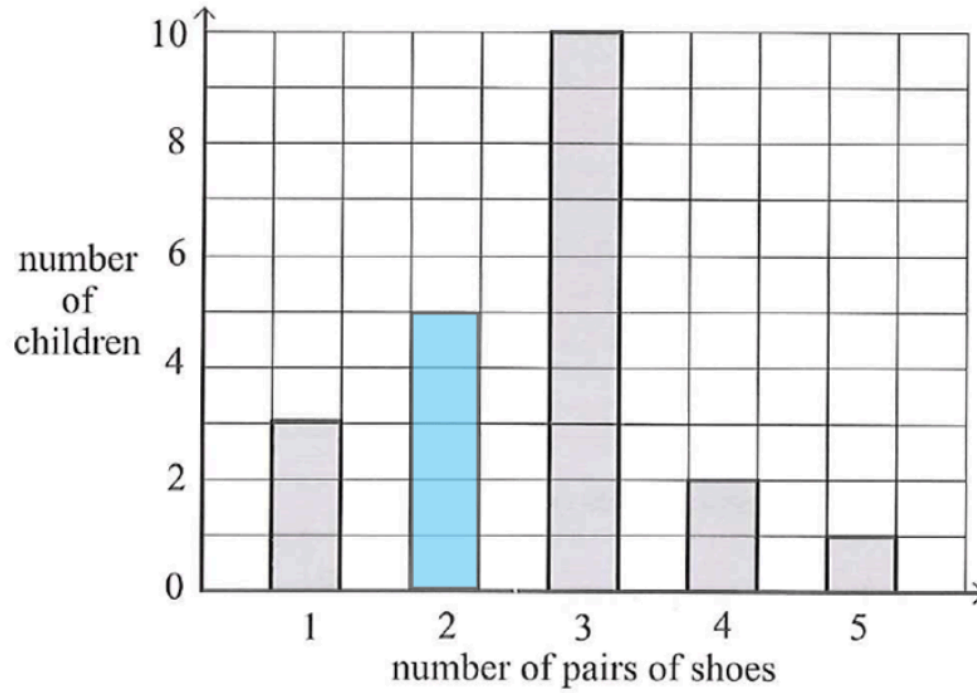
(a) Parallelogram

(b) 0

(c) (2, 0)

(d) (2, 4)

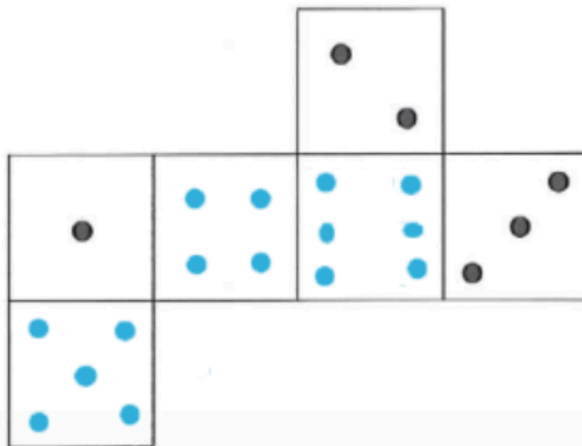
(a)



27.

- (b) 2
- (c) 21
- (d) 56

28.

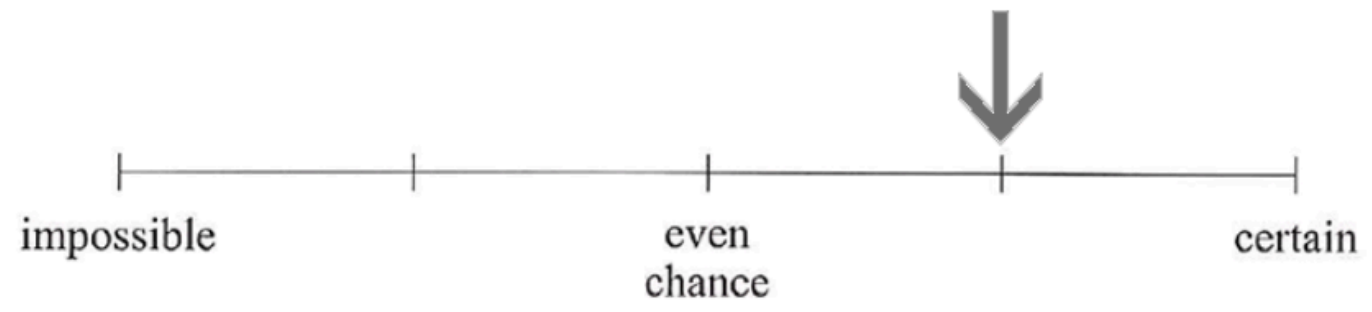




29. (a) 80 cm²
(b) 30 cm²

30. 3.6 kg

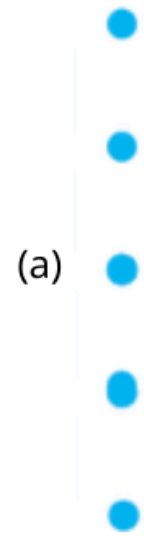
31. (a) B
(b)



32. side view E plan view F front view C

33.

- (a) 14 min 30 sec
- (b) 4 min 50 sec



34.

(b)

pattern number	1	2	3	4
number of dots	2	3	<u>4</u>	<u>5</u>
number of lines	2	<u>4</u>	<u>6</u>	<u>8</u>

- (c) 9
- (d) 15
- (e) 60

35.

	boy	girl	total
plays a stringed instrument	<u>12</u>	<u>30</u>	<u>42</u>
does not play a stringed instrument	<u>23</u>	<u>15</u>	<u>38</u>
total	<u>35</u>	<u>45</u>	80

36.

- (a) £2.60
- (b) £1.45
- (c) 91 pence

37.

Masie, Cassie, Josie, Rosie, Daisy
or
(front row) Daisy, Rosie, Josie, Cassie, Masie (end row)

38.





39. 35

-
40. (a) 19
(b) 8
(c) 7
(d) 9

41. 29