

London Independent Girls' Schools Consortium (Group 2): 11+ Maths 2012

School: London Independent Girls' Schools Consortium (Group 2)

Subject: Maths

Level: 11+

Time: 75 mins

Type: Past Test Paper

Year in use: 2012

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Q.	Answer	Solution
1.	3391	
2.	8072	
3.	2312	
4.	258	
5.	300030	

6. (a) 74, 68
(b) 16, 22

7. 20.3

8. 54

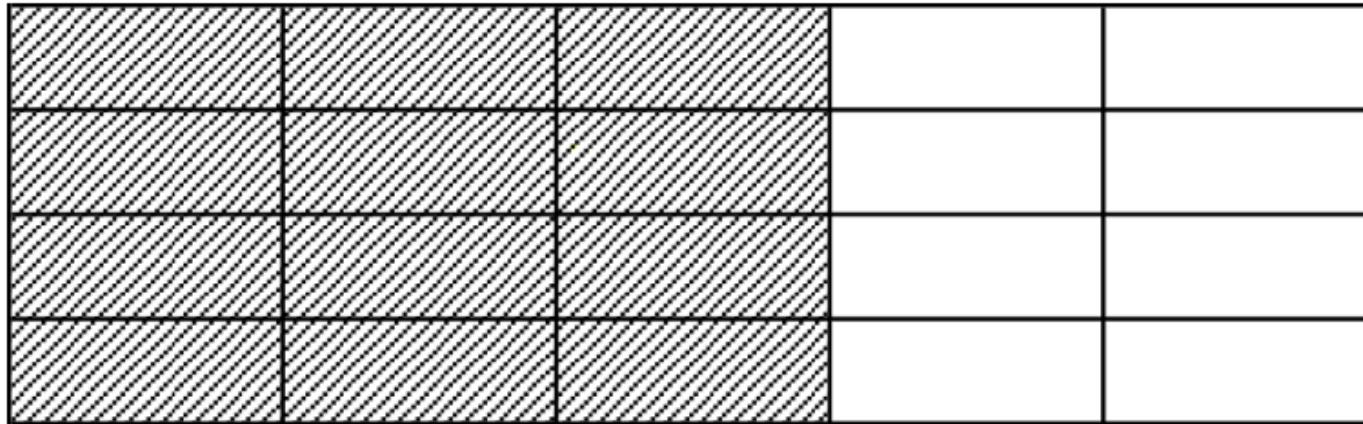
9. 0.09 and 0.06

10. (smallest) 2.203, 2.23 , 2.3, 2.303 (largest)

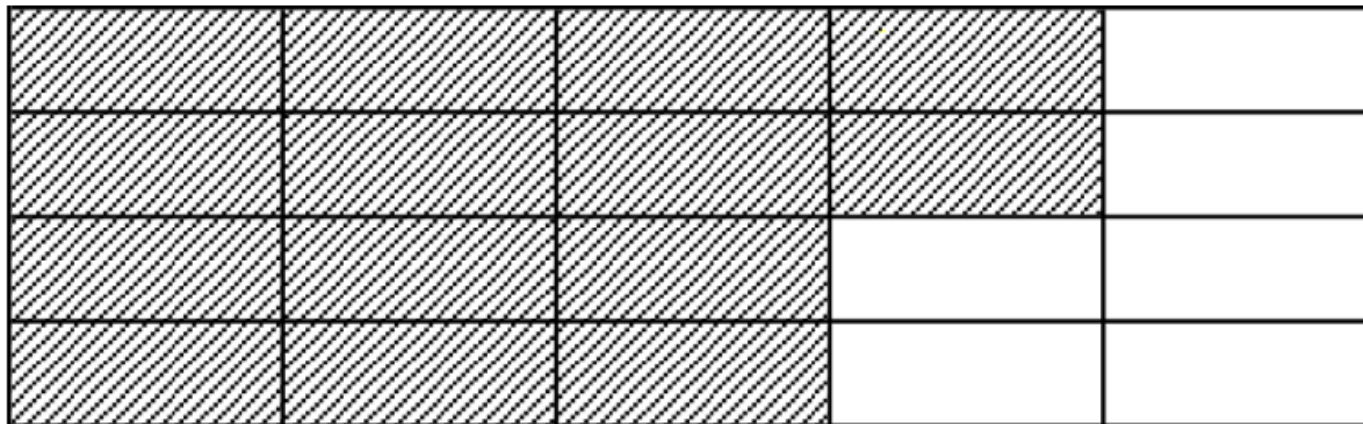
11. (a) 555
(b) 10
(c) 12

12. (a) 4 pineapples
(b) 12 pence

(a)



(b)



13.

(c) 70% is bigger because 14 rectangles are shaded whereas for 3/5, only 12 rectangles are shaded

14.

(a) 32°C

(b) -7°C

(a) (i)

15.

Input	Output
10	14
7	<u>8</u>
<u>20</u>	34
<u>3</u>	0

(ii) 6

(b) $\div 2$ (divide two) then $+ 5$ (plus five)

16.

19

17.

8 years 10 months

18.

2 hours 49 minutes

19.

(a) 115 grams

(b) 345 grams flours, 345 grams butter, 345 grams sugar, 6 eggs

(c) 45 grams

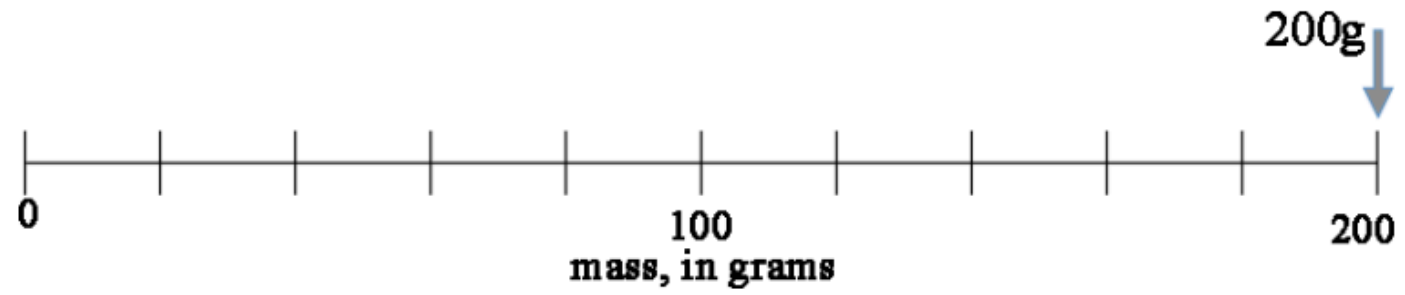
20.

1105 members



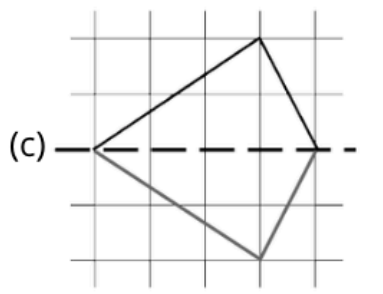
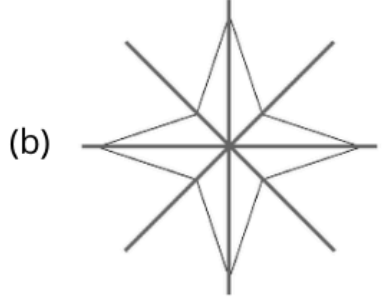
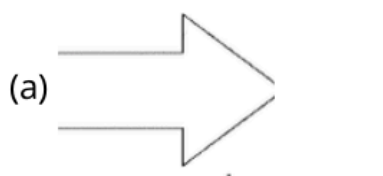
21. (a) (i) 9425 (ii) 2495
(b) 49
(c) $95 - 24 (=71)$

22. (a) 160 g
(b)

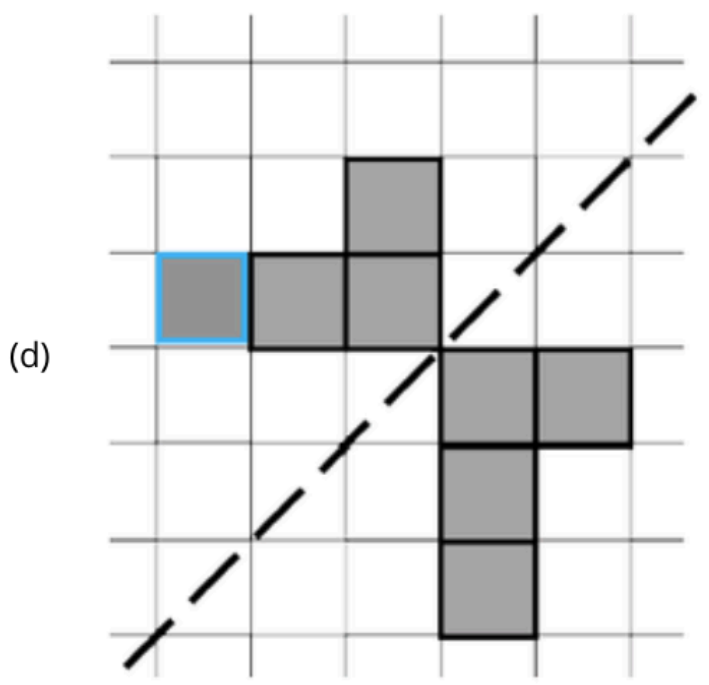


23. (a) kilograms
(b) litres

24. 600 ml

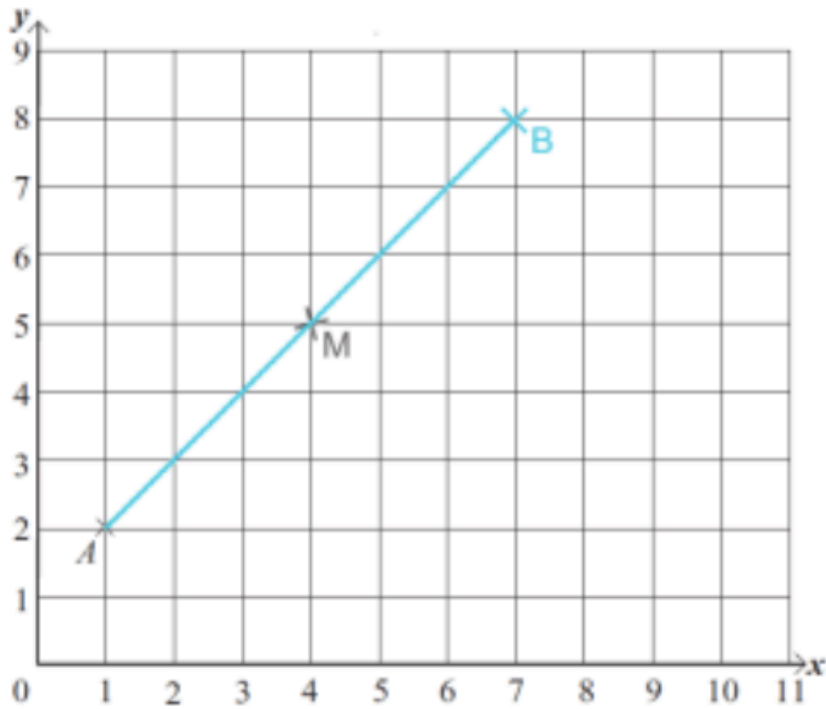


25.



26. (a) 14 cm
(b) (i) B and F (ii) 9 cm^2
(c) A and E

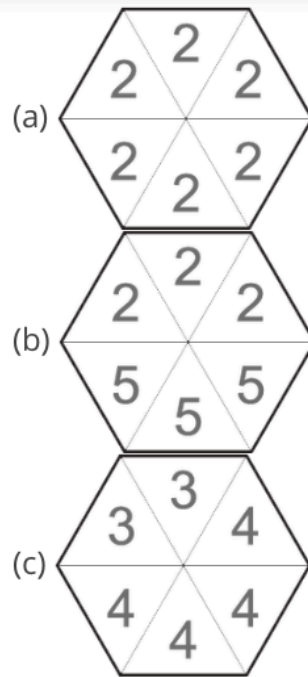
27. (a)



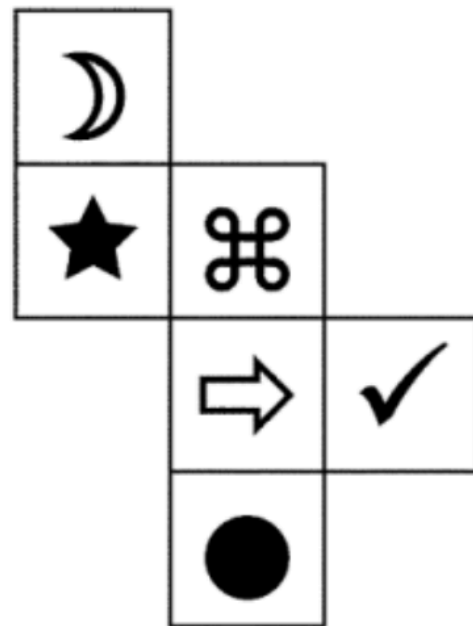
- (b) (4 , 5)
(c) (1 , 8) or (5 , 4) (Note: Question with many possible answers)

28. (a) 25%
(b) $1/8$
(c) 18

29.



30.



31. 27 bricks (3 bricks on each side)



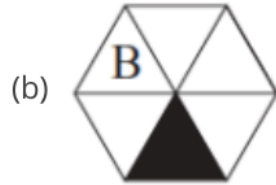
32. (a) 55 mins
(b) 11 mins
(c) 35 mins

33.

	male	female	total
born in the UK	17	11	28
not born in the UK	6	6	12
total	23	17	40

34. 1st place Chris
2nd place David
3rd place Al
4th place Sam

35.



(c) shape 13



36.

- (a) 32 pegs
- (b) 3 jumpers
- (c) 13 shirts

37.

- (a) 11:42 am
- (b) 7:37 pm or 19:17
- (c) 2:00 am on Wednesday

38.

- = 2
- = 4
- = 0
- = 6
- = 3



39. 198 cm²

40. (a) 189 digits
(b) 20
(c) 900

41. Paul is a Liarists
Simon is a Honestians