

London Independent Girls' Schools Consortium (Group 2): 11+ Maths 2010

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

Subject: Maths

Level: 11+

Time: 75 mins

Type: Past Test Paper

Year in use: 2010

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Q.	Answer	Solution
1.	4232	
2.	375	
3.	32027	
4.	5103	
5.	4253	
6.	0.7 l	

7. (a) 28 , 25
 (b) 0.1 , 0.05
 (c) 81, 243

8. E

9. £4.55

10. $\frac{4}{5}$ and $\frac{3}{8}$

11. 1979

12. 2 hrs 37 mins

	Persian	Siamese
13. Prefer Feline Fodder	<u>178</u>	<u>242</u>
Prefer Moggy Nosh	<u>42</u>	<u>38</u>

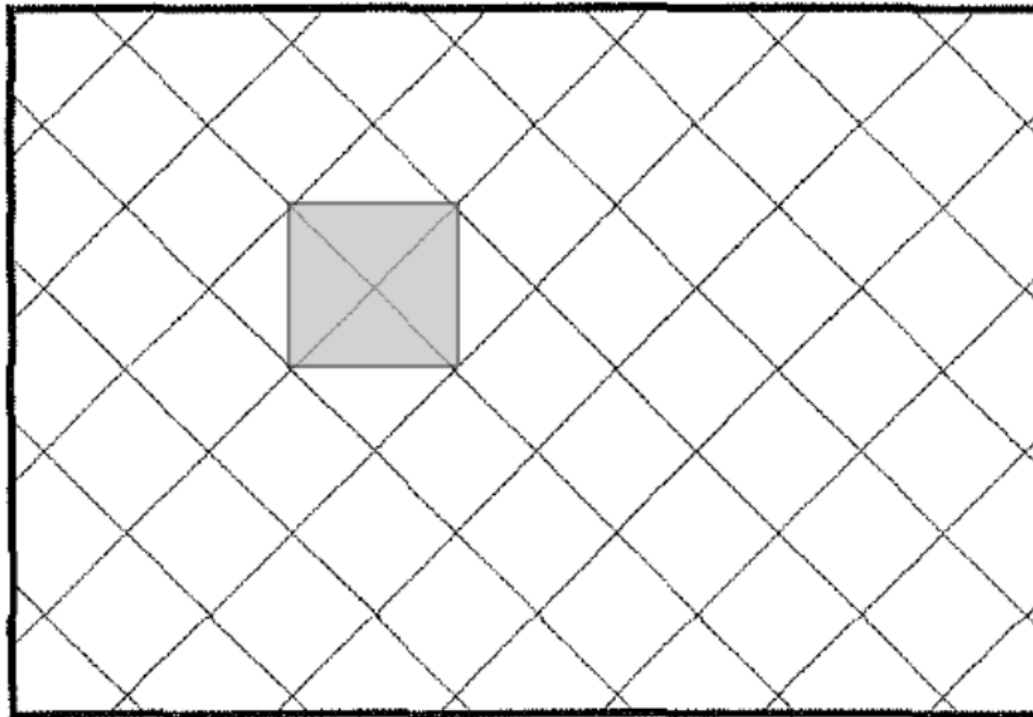
14. 7

15. (a) 4 pupils
 (b) 28 pupils

16. 24 gallons

8 cm²

17.



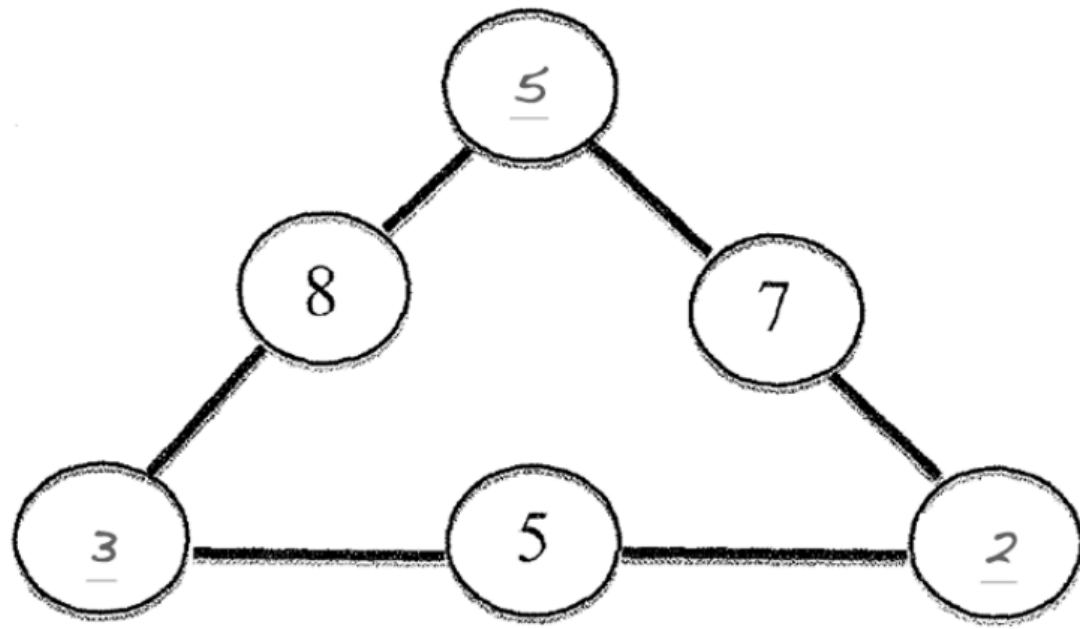
18. (a) 24
(b) 36

19. 30 km

20. 120 pages

21. Number of tiles (Trapezium on the left hand side): 4
Number of tiles (Shape on right hand side): 9

22.



23.

- (a) 30°
- (b) 120° or 480°

24.

72 cm^2

25.

(a) 8 cookies

26.

18

27.

- (a) A: 18 ; B: 13 , 17 ; C: 14 , 16 ; D: 15
- (b) (i) B (ii) A (iii) D
- (c) (-5, 8) or (13, 14)

28. (a) 2973
(b) 7239
(c) 3792

29. Triangle

30. 22

31. 42

32. 7

33. (a) R
(b) Y
(c) 4

34. (a) $\frac{1}{4}$
(b) 75

35. 24 days

36. 48 cm

37. 20 kg

<u>8</u>	\div	<u>4</u>	$=$	<u>2</u>
<u>-</u>				\times
<u>7</u>				<u>3</u>
$!$	$+$	<u>5</u>	$=$	<u>6</u>

38.

Other possible scores: 7, 9, 12

Most likely score: 7

39. Pink 9; Purple 6

OR

Pink 10; Purple 5

♥ = 54
 ▲ = 11
 ☺ = 23
 ? = 111

40.

41. (a) 15
 (b) 6

42. (i) 10
 (ii) 25
 (iii) 7

