



London Independent Girls' Schools Consortium (Group 2): 11+ Maths 2011

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

Subject: Maths

Level: 11+

Time: 75 mins

Type: Past Test Paper

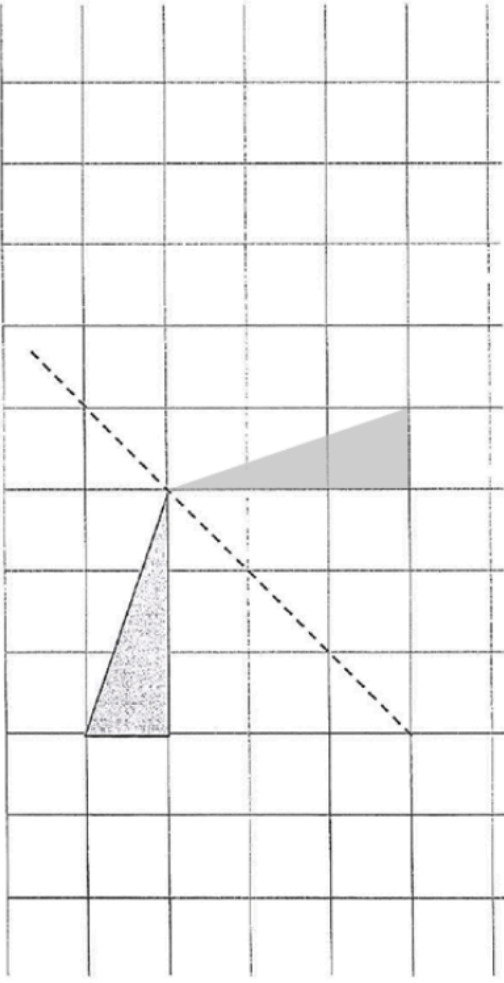
Year in use: 2011

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| Q. | Answer | Solution |
|----|--------|----------|
| 1. | 9502 | |
| 2. | 2148 | |
| 3. | 456 | |
| 4. | 2340 | |
| 5. | 2.23 | |
| 6. | 24796 | |



| | |
|-----|---|
| 7. | 12327 |
| 8. | $8\frac{1}{20}$ and 8.05 |
| 9. | 14 |
| 10. | 165 |
| 11. | (a) 1 hr 10 mins (b) 10 hrs 48 mins |
| 12. |  |
| 13. | (a) 5 (b) 48% |
| 14. | 6 coaches |
| 15. | $\frac{3}{4}$ |



| | |
|-----|---|
| 16. | 9:40 am (or 09:40) and 9:40 pm (or 21:40) |
| 17. | 5 and 12 |
| 18. | |
| 19. | £11.25 |
| 20. | (a) 28, 33 (b) -7, -12 (c) 1, 4 |
| 21. | (a) 5 (b) 0 ; 1 (c) $95 - 24 (=71)$ |
| 22. | 02:20 ; 05:50 ; 10:01 ; 11:11 |
| 23. | 2178 |



| | |
|-----|---|
| 24. | (a) 6666666 x 6666666 (b) 444444443555555556 |
| 25. | between <u>3</u> and <u>5</u> blue felt tip pens. |
| 26. | 48 cm |
| 27. | <u>3</u> cans <u>6</u> days <u>36</u> cans |
| 28. | (a) 4p (b) 9p, 14p (c) 34p |
| 29. | 4 cm |
| 30. | (a) LNQTY (b) LMCRW, LMDSW, LMPSW, LNPSW (c) 6 |
| 31. | <u>28cm</u> of wires used after 6 bends <u>10</u> bends with 66 cm of wire |
| 32. | (a) 33 (b) 5 (c) 7 |

33. 2p

34. 120 cups

35. 102 cm^2

36. 8

37. (a) O
(b) Letters under B: N, O, C
Letters under E: I, L, H
(c) N, O, C, G, K, J, F

38. (a) 29
(b) 7
(c) 25
(d) CBA, BCA, BAC

39. (a) 25
(b) 9
(c) 9
(d) 7

- 40.
- (a) $12\text{ cm} \times 12\text{ cm} \times 12\text{ cm}$
 - (b) $6\text{ cm} \times 6\text{ cm} \times 9\text{ cm}$
 - (c) 460