

London Independent Girls' Schools Consortium (Group 1): 11+ Maths 2008

School: London Independent Girls' Schools Consortium (Group 1)

Subject: Maths

Level: 11+

Time: 75 mins

Type: Past Test Paper

Year in use: 2008

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Q.	Answer	Solution
1.	14002	
2.	6646	
3.	578	
4.	318	
5.	3, 12	
6.	90	

7. (smallest) 3.025, $3\frac{1}{4}$, 3.34, $3\frac{3}{4}$ (largest)

8. 290 cm

9. 20

10. 11, $12\frac{1}{2}$

	addition	subtraction	multiplication
11.	$\begin{array}{r} 5 \quad \boxed{6} \quad 4 \\ + \boxed{3} \quad 7 \quad \boxed{0} \\ \hline 9 \quad 3 \quad 4 \end{array}$	$\begin{array}{r} \boxed{9} \quad 7 \quad \boxed{1} \\ - 5 \quad \boxed{3} \quad 8 \\ \hline 4 \quad 3 \quad 3 \end{array}$	$\begin{array}{r} \boxed{1} \quad 3 \quad \boxed{9} \\ \times \quad \quad \quad 7 \\ \hline 9 \quad \boxed{7} \quad 3 \end{array}$

12. (a) 7538
(b) 13587

13. (a) 750 g
(b) £2.70

14. £18

15. 7 yrs 6 mths

16. 5575

(a) 45 mins

(b)

17.

Shrewsbury	depart	1950
Ludlow	arrive	2035
Ludlow	depart	2037
Hereford	arrive	2100

18. 12

19. 36

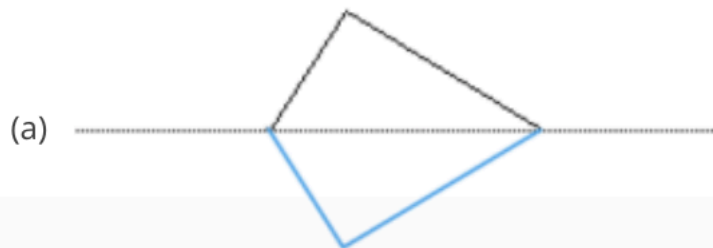
20. [Add Media](#) £3.61

21. (a) $\frac{4}{11}$

(b) $\frac{5}{9}$

22. E, A

23.



24.

20

(a) $15/23$

(b)



(c)

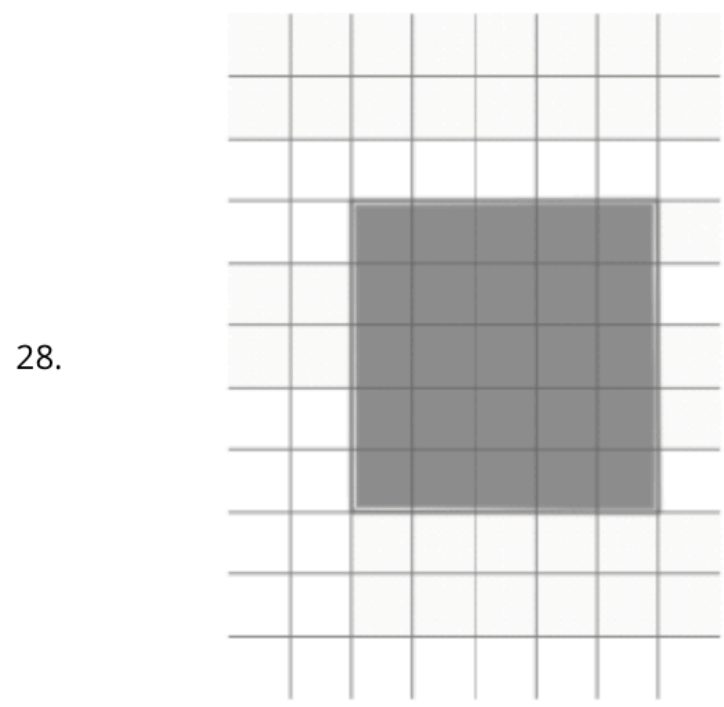
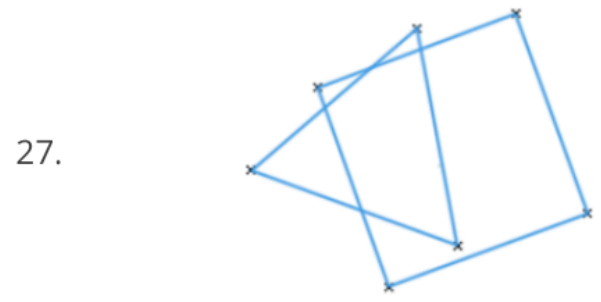
25.

(i) Shape A has a greater fraction shaded than B.

(ii) Shape B has a greater fraction shaded than A.

(iii) Both A and B have the same fraction shaded.

26. (a) 30°
(b) 25%
(c) 90



29. 20 cm

30. (a) 2
(b) 1
(c) 13

31. C

32. B, D

33. (a) 26 cm
(b) 21:24
(c) 52 kg

34. 5

35. C

36. (a) 
(b) 

37. (a) 12
(b) 13

(a)

Number of dark squares	1	2	3	4	5
Number of white squares	5	7	9	11	13
Total number of squares	6	9	12	15	18

38.

(b) 21

(c) 10

(d) 31

39.

(a) 30°

(b) 15°

40.

6

41.

(a) 50

(b) 5

(c) 7

42.

(a) 2

(b) 5

(c) 11

43.

(a) A D B E C

(b) Answer 2: B D A E C

Answer 3: B E C A D

(c) 14