

# Haberdasher's Askes' Boys' School: 11+ Maths Paper 2009



School: The Haberdasher Askes' Boys' School

Subject: Maths

Level: 11+




Time: 60 mins

Type: Past Paper

Year in use: 2009

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Q. 	Answer 	Solution 
1.	121	
2.	49	
3.	85	
4.	36	
5.	24	

6. 336 days

7. £11

8. 300

9. 53018

10. £1.20

11.  $\frac{5}{12}$

12. 34

13. 19

14. 47.6  
0.392

15. 0

16. 10 cm  
2 inches  
295 cm

17. Direction: Anticlockwise ; Angle: 60°

18. 18 crates

19.  $13 \times 6 = 78$

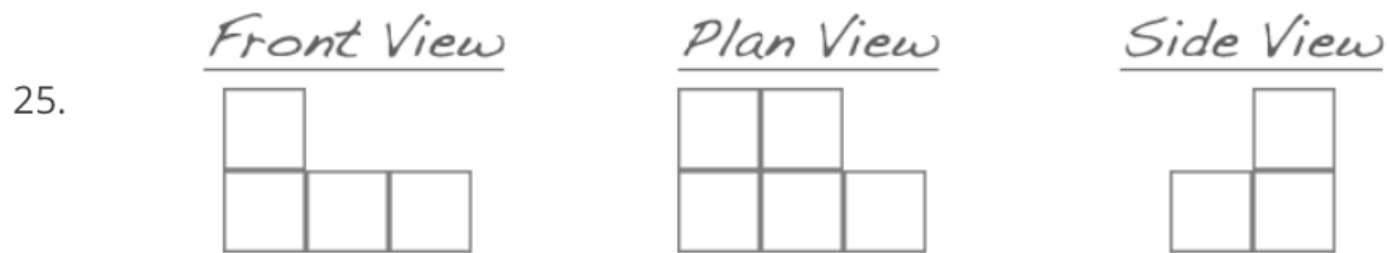
20. Always  
Never  
Always  
Sometimes

21. 12

22. Seven  
Fifteen or Seventeen (Thanks to Rajeev Pathak)

23. Time: 10:00 Date: 31st Jan  
Time: 13:00 Date: 1st Feb

24. Note: Part 1, 2 and 3 did not have enough information to calculate. The costs for the coffee, sausages and the fizzy drink are all missing. It is not possible to reach an answer for Part 4.



08:00

36 mins

26. 11 mins

07:28

07:19

$$81 - 25 = 56$$

$$14 - 4 = 56$$

The results are the same.

27.  $(552 + 448) \times (552 - 448) = 1000 \times 104 = 104000$

$$(8.5 + 7.5) \times (8.5 - 7.5) = 16 * 1 = 16$$

$$(19/37 + 18/37) \times (19/37 - 18/37) = 1 * 1/37 = 1/37$$

$$(25001 + 24999) \times (25001 - 24999) = 50000 * 2 = 100000$$

Shortest Distance: 10 miles

28. Route: From S to B to F to E to D to T

The shortest time is 40 mins

8 mins more



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28.7

Overweight

29.

28.4

132.3kg

8.6kg

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30.

16

24