

# Sevenoaks School: 11+ Maths Test Paper 2016



**School: Sevenoaks School**

**Subject: Maths**

**Level: 11+**

**Time: 60 mins**

**Type: Past Test Paper**

**Year in use: 2016**

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Q. $\blacktriangle$	Answer $\blacktriangle$	Solution $\blacktriangle$
1.	(a) 3 (b) 6 (c) 13.5	
2.	(a) 1.25 (b) 8.75	



3. (a) £190.12  
(b) 12 (boxes)

4. 15 (coins each)

5.  $13/20 < 2/3 < 7/10$

6.  $12 \frac{3}{2}$

7. 875 m

8. 35%

9. £30,000

10. 140 ml

11. 3, 5, 11

12. (a) 3.10  
(b) 0.09  
(c) 6

13. (a)  $P = 2 \times a + 2 \times b$   
(b)  $P = 30 \text{ cm}$



14.  $1.96 \text{ m}^2$

15.  $42 \text{ cm}^2$

16.  $6.25 \pi$

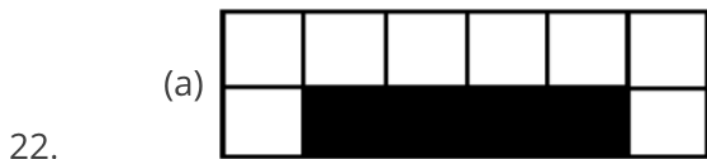
17.  $300 \text{ cm}^2$

18. Angle a =  $31^\circ$   
Angle b =  $66^\circ$

19. mean = 12.5  
median = 12  
mode = 11

20.  $x = 2$  ,  $y = 9$

21. 21



(b)  $w = b + 4$

(c) 14

23. 6



24. 3

25. 3:5

26. 9

27. 8