






Sevenoaks School: 11+ Maths Sample Paper 2010



School: Sevenoaks School
Subject: Maths
Level: 11+
Time: 60 mins
Type: Sample Test Paper
Year in use: 2010

[Download Paper](#) 

[Hide Answers](#)

Q. 	Answer 	Solution 
1.	298	
2.	58,536	
3.	312	
4.	219	



5. $a \underline{-} a = 0$
 $a \underline{\div} a = 1$
 $a \underline{+} a = 2a$
 $a \underline{\times} a = a^2$

6. (a) 12
(b) -2
(c) 76
(d) 55

7. (a) 11, 13, 17, 19
(b) 15, 30, 45
(c) 1, 7, 49

8. (a) 0.6
(b) 1.375

9. 165 (cm)

10. $\frac{1}{3}$

11. 9 (litres)

12. 61

13. (smallest) $3^2, 2^4, 5^2, 3^3$ (largest)



14. 104 (cm²) and 64 (cm²)

15. (a) (i) 60% ; (ii) 8%
 (b) 24

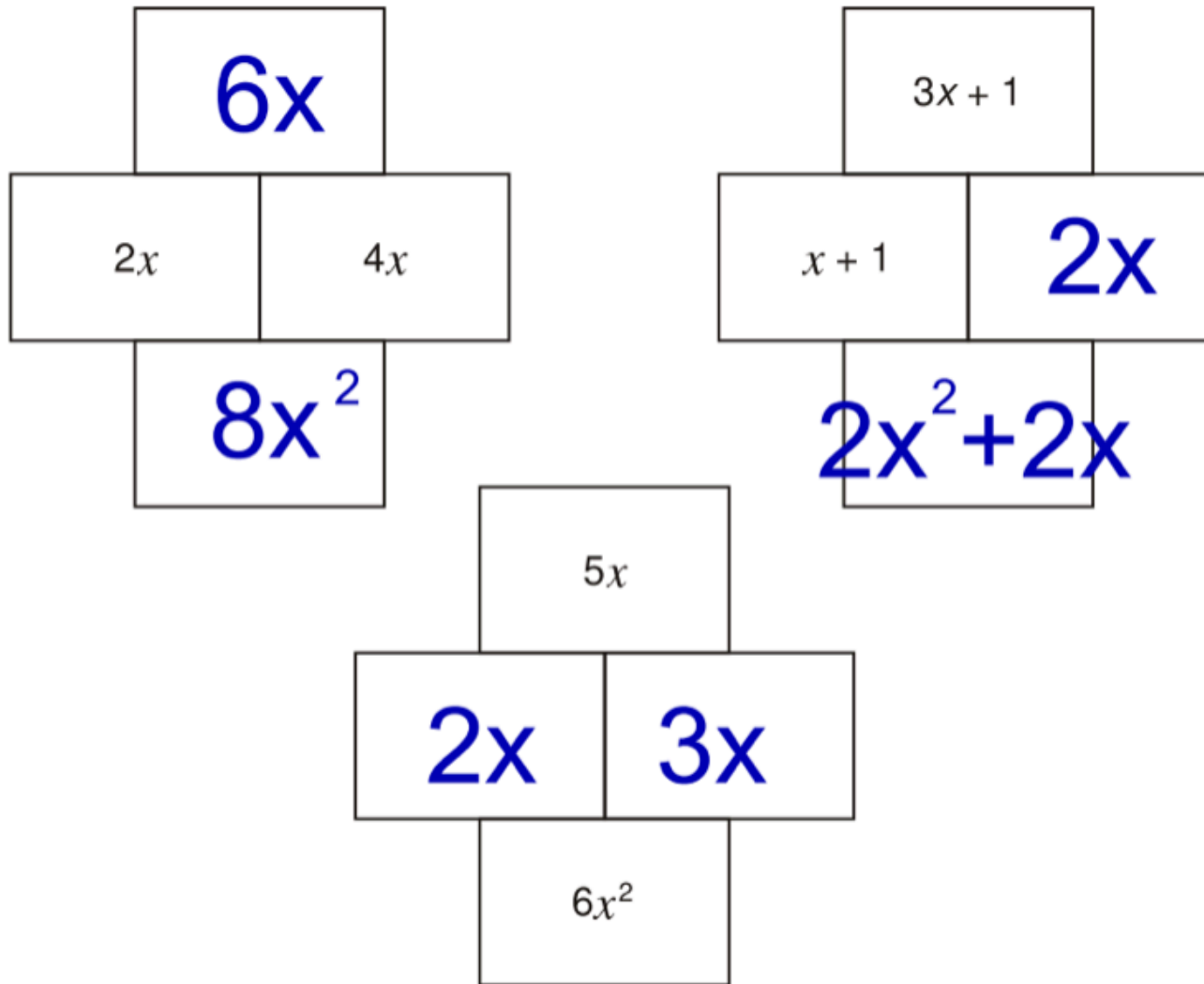
16. a = 30°
 b = 15°

17.

	Area	Perimeter
Square	64 cm^2	32 cm
Rectangle B	32 cm^2	24 cm
Square C	16 cm^2	16 cm

(b) 32 cm^2

(c) The perimeter is greater than 24 cm. It is because the slanted side is always longer than any of the other two sides in a right-angled triangle. If all sides are equal to 8 cm, then the perimeter is 24 cm. Since the slanted side must be greater than 8, hence, the sum of the lengths must be larger than 24 cm.



18.

(a) 12×11

(b) $n \times (n - 1)$

(c) $2 \times n + (n - 1) \times (n - 2) + (n - 2)$

19.