SMART EXAM RESOURCES CAMBRIDGE LOWER SECONDARY STAGE 7 TOPIC QUESTIONS MATHS FACTORS AND MULTIPLES-SET-1

■ is a factor of 15	★ is a multiple of 3	
Write down the smallest po	ossible answer to $\blacksquare \times *$.	

I.		
3	1	

2	Here is a lis	t of numbe	ers.					
		5	7	10	12	16	20	
	Write down	n the numb	per that is	a factor of	56			
								[1]

E		E
7	1	Accept 7 circled or ticked in the list.

3	Tick (\checkmark) all the correct statements about the number 6
	6 is a multiple of 12
	6 is a factor of 18
	6 is a prime factor of 30
	6 is a common factor of 42 and 60
	6 is the highest common factor of 24 and 36 [2]

Award 1 mark for: 1 correct box ticked and no incorrect boxes ticked. 2 correct boxe sticked and 1 incorrect box ticked. Total 2	• 1 correct box ticked and no incorrect boxes ticked. • 2 correct boxes ticked and 1 incorrect box ticked. Total 2	Part	Mark	Answer	Further Information
		4	2		 1 correct box ticked and no incorrect boxes ticked. 2 correct boxes ticked and 1 incorrect box
	Total 2				

- ♦ is a multiple of 8 4
 - \square is a factor of 15

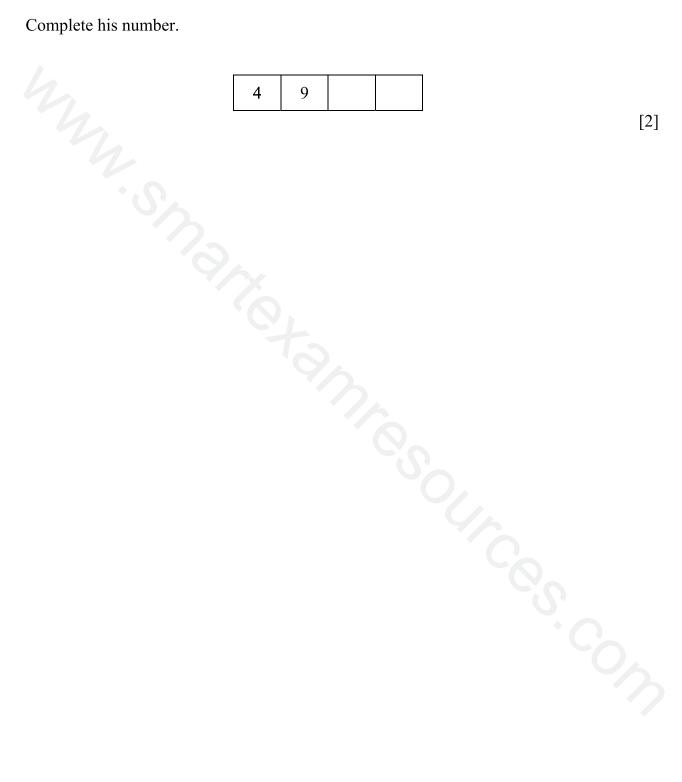
$$+ \square = 45$$

Find the value of lacktriangle and the value of \Box

	1	[2]

5 Carlos writes down a 4-digit number. The number is a multiple of 3 and 5 Two of its digits are square numbers. Two of its digits are prime numbers.

Complete his number.



(49)35	2	
(49)05, (49)20, (49)50, (49)65, (49)80	B1	i.e. is a multiple of 3 and 5 and has two square digits.
or completes with 2 prime digits		i.e. has two prime digits and two square digits.