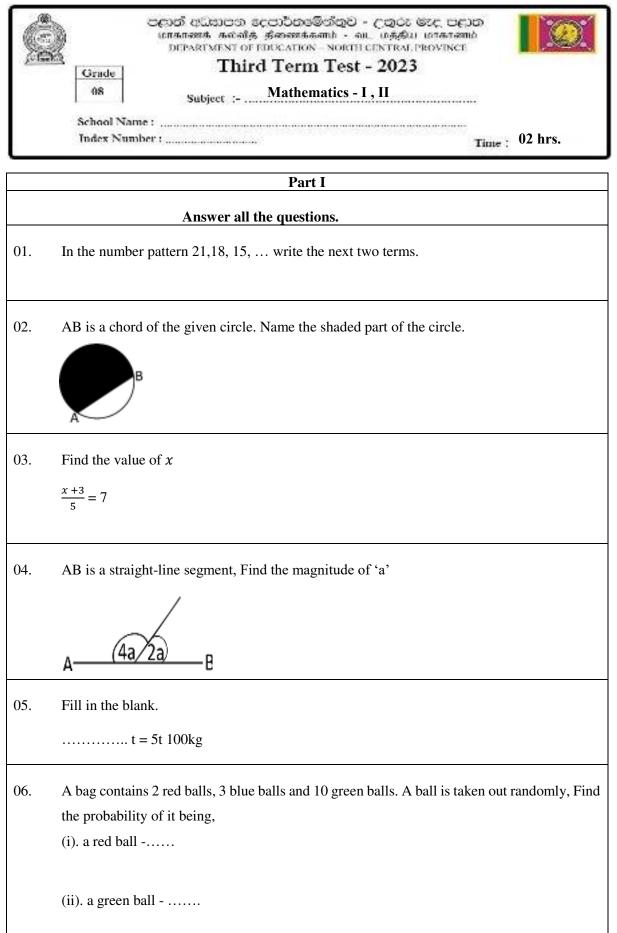
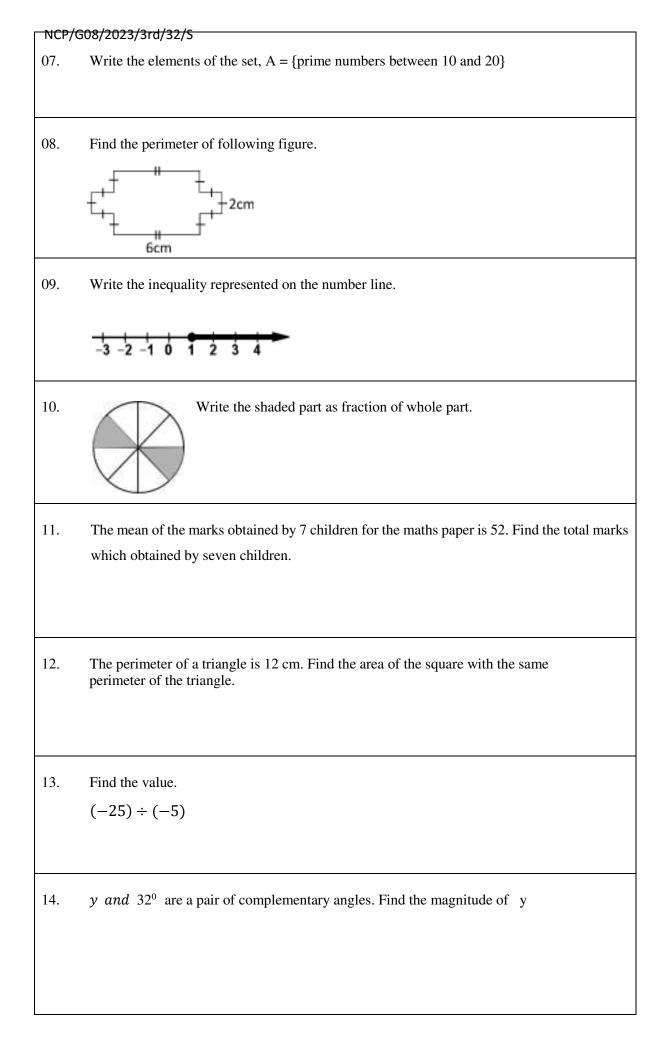
NCP/G08/2023/3rd/32/S





15. The height of a cake of soap is 5.5cm. Estimate the height of 8 such cakes of soap.

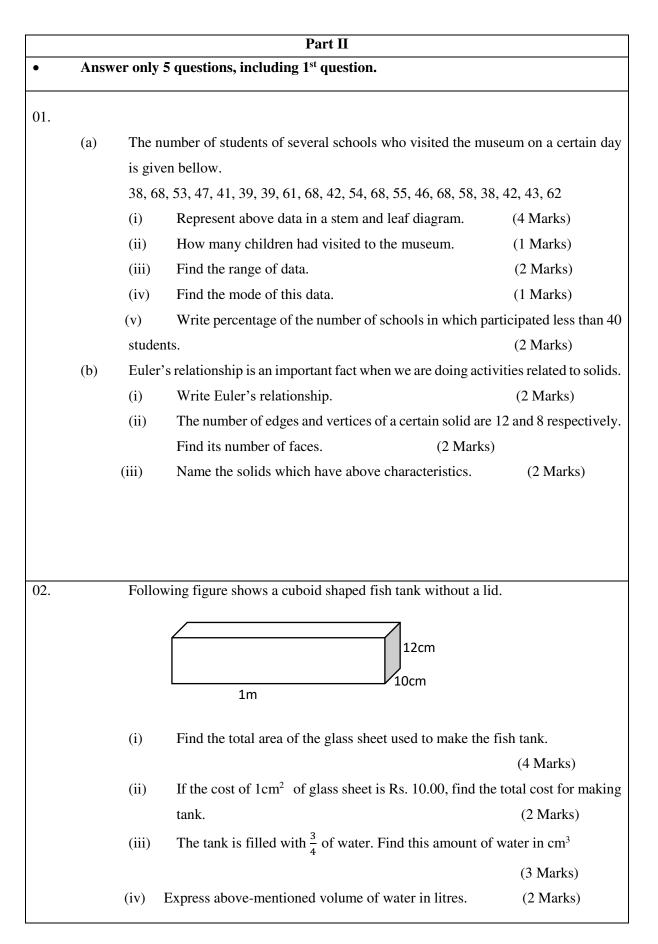
16. Write $\frac{1}{8}$ as a percentage.

17. Express, $121x^2$ as a power of product.

18. Simplify

 $\frac{\frac{12}{5} \times \frac{20}{3}}{\frac{12}{5} \times \frac{20}{3}}$

- 19. The length of a cuboid is twice of its breadth. The breadth is 5cm. If the volume of this cuboid is 300 cm^3 . Find the height of the cuboid.
- 20. To make a cake, sugar, flour and butter are mixed in the ratio 3:2:1. If the mass of flour is 180g, Find the total mass of the mixture.



03.		 (i) Draw a cartesian plane where the x axis and the y axis are r from -6 to +6 (ii) Mark given coordinates on the cartesian plane. A (-1,4), B (3) 	(2 Marks)	
		(4,0), E (4, -3), F (-2, -3), G (-2,0), H (-3,0)	(5 Marks)	
		(iii) Join all the points in the order of the letters with a	straight line.	
			(1 Marks)	
		(iv) Draw the axis of symmetry of above obtained figure and write	te the equation	
		of axis of symmetry.	(3 Marks)	
04.				
	(a)	Sugath invested Rs.50,000.00 and started a business on the 1 st of January of a certain year and Saman and Amal joined to the business by investing Rs.30,000.00 and Rs.20,000.00 respectively on 1 st of march.		
		(i) If the profit from the business at the end of the year is Rs.55,000.00, calculate the ratio in which the profit should be divided between them.		
		-	(3 Marks)	
			(6 Marks)	
	(b)	Rs.90,000 was divided among A, B and C as follows A: B = 2: 1 B: C = 2: 3		
		Calculate the amount of money received by each of them.	(2 Marks)	
05.	<i>(</i>)			
	(a)	D is set of the letters of the word 'KURUNAGALA"		
			2 Marks)	
		(ii) Represent the set D, using a common characteristic of its elem		
			2 Marks)	
			Marks)	
		(iv) "O is not an element of the set D". Write this using set notation		
		(2 Marks)	
		(v) $B = \{ \text{multiples of 6 between 1 and 5} \}$		
		a. Write the special name of this type of sets		
		b. Write the set notation of this set		
		(2 Marks)	
	(b)	Find the magnitude of a,b,c and d in following figure.(ABC is a straight line		
		segment)	(2 Marks)	

