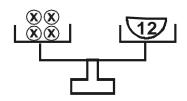
## Class VI Chapter - 11 (Algebra) By Barun Deb

## Bandopadhyay

1. i) Write equation for the given picture



- ii) \_\_\_\_\_No. of matchsticks are use in a pattern of letter F
- iii) 5 is added to P, the expression is \_\_\_\_\_\_.
- 2. What will be perimeter of square have side 9 cm.
- 3. If Maya's present age is x years then what will be her age two years ago.
- 4. There are some expression given below. Which of these are equations.
  - i) x 5 > 9
- ii) 8 + 5 = 13
- iii) 9x < 5
- iv) 2x + 1 = 15

- 5. Give expressions for the following:
  - i) k is multiplied by 10.
  - ii) x is multiplied by 2 and 9 is subtracted.
  - iii) z is divided by 9 and is subtracted from 19.
  - i) x is added to 8 and added to 10.
  - ii) x is multiplied by 9 and the result is divided by 5.
  - iv) 2 is subtracted from 4 times of x.
  - v) 3 times of x is added to 5 get 20.
- 6. Pick out the solution of equation from values given in the bracket next to equation.

(a) 
$$P + 5 = 9$$

(b) 
$$2x - 13 = 13$$

(c) 
$$2y + 25 = 33$$

(d) 
$$x/3 - 4 = 2$$

- 7. Area of a rectangle is 891 m<sup>2</sup>. If the length is 33 m then find its perimeter.
- 8. Perimeter of a square shape wire is 320 m. Find its area. If the wire is formed like a rectangle of length 100 m. Then find its area.
- 9. Area of a rectangle is 725 m². If the length is 29 m then find its breadth.
- 10. Area of a square is 196 cm<sup>2</sup>. Find the perimeter of the square.
- 11. If a cotton thread of 44 m length formed like a square, rectangle of length 14 m or in circle shape. Which area will be smaller?

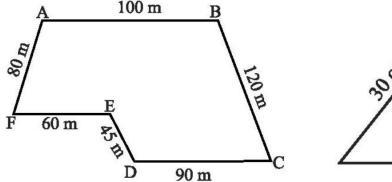
## Class VI Math By B Bandopadhyay

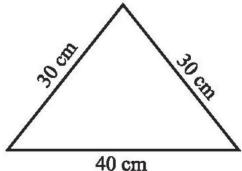
1. The su	m of $0.007 + 8.5 + 30.08$ is	is	
a) 38.587	b) 3.100	c) 18.508	d) 385.87
2. Lata sp money did she	end Rs 9.50 for buying a p	pen and Rs 2.50 for one	pencil .How much
a) Rs 3.450	b) Rs 7	c) Rs 9.750	d) Rs 12
3. Find to a) 16.036	b)9.128	c)3.476	d)34.76
4. Find that a) 32.46	b)1.46	c)3.246	d)37.54
5. Subtraction a) Rs. 25	ct Rs. 18.25 from Rs. 20.7 b) Rs. 39	75 c) Rs. 2.50	d)Rs. 3.9
•	ought a book for Rs. 35.6 lid he get back from the s b)Rs. 14.35	_	d) Rs. 1.435
	bought vegetables weight natoes and the rest is pota b) 1.425kg	• •	•
8. The nu	mber 0.125 can be writte	n as fractions in lowest	terms
a) 1 8 9. 1mm	b) 125 1000	c) 25 200	d) 5 40
a) 0.1cm	b) 0.01 cm	c) 1.0 cm	d) 0.001cm
10. Which of a)1.431 < 1.49	one of the following is not $0$ b)3.3 > 3.300	t true c)0.3 < 0.4	d) 3 > 0.8
11. The pe (a) 25 cm	rimeter of a square is 100 (b) 35 cm	cm. Its side is (c) 15 cm	(d) none of these
12. The sid	le of a square is 12 m. Its (b) 5 m	perimeter is (c) 9 m	(d) none of these
13. If the p (a) $64 \text{ cm}^2$	berimeter of a square is 44 (b) 81 cm <sup>2</sup>	_	(d) none of these
14. If the a (a) 25 cm	rea of a square is 64 cm <sup>2</sup> . (b) 32 cm	, then its perimeter is (c) 15 cm	(d) none of these
	ea of a rectangle is 650 cr	m <sup>2</sup> and one of its sides	is 13 cm. Find
-	of the rectangle. (b) 130 cm	(c) 126 cm	(d) none of these

- 16. Nasreen bought 3 m 20 cm cloth for her shirt and 2 m 5 cm cloth for her trouser. Find the total length of cloth bought by her.
- 17. Abhishek had Rs 7.45. He bought toffees for Rs 5.30. Find the balance amount left with Abhishek.
- 18. Urmila's school is at a distance of 5 km 350 m from her house. She travels 1 km 70 m on foot and the rest by bus. How much distance does she travel by bus?
- 19. Following is the pictograph of the number of Auto manufactured by a factory in a particular week.

Days	Number of Maruti Van manufactured						= 300 Autos		
Monday									
Tuesday									
Wednesday									
Thursday									
Friday									
Saturday									

- a) On which day were the least number of Auto manufactured?
- b) On which day were the maximum number of Auto manufactured?
- c) Find out the approximate number of Auto manufactured in the particular week?
- 20. The perimeter of the below left figure is





- 21. The perimeter of the above-sided right figure is
- 22. Find the cost of fencing a rectangular park of length 170 m and breadth 100 m at the rate of Rs. 5 per metre.
- 23. The perimeter of the floor of a rectangular hall is 24 m. Its length is 7 m. Find its area.
- 24. A carpet is 5 m long and 3 m 5 dm wide. If the cost of 1 sq.m is Rs. 40 find the cost of the carpet.
- 25. The length and breadth of a rectangular field are 500 m and 69 m. Find its area in hectares.
- 26. The area of the floor of a class room is 2880 sq.m. If its length is 60m, find its breadth and the perimeter.

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