Q1 Choose the algebraic expressions

3.26x 3x+y=2 0 t 7x>y $-\frac{1}{2}y^2$ -3 $\frac{3}{4}px$

Q2 Answer the following $-4x^2-3t+p+2$

Variables _____ no of terms_____

Coefficient of t_____ exponent of p_____

Constant_____ base having exponent 2_____

Q3 Identify each of the statements as TRUE or FALSE

1. Coefficient of t in -7t ÷ 4 is $-\frac{7}{4}$. T / F
2. The expression 3xy÷4.t has 3 terms. T / F
3. If twice the sum of length and width of rectangle is 46cm
   Then its perimeter is 23cm. T / F
4. If perimeter of square is 412cm,then length of its side is 103cm. T / F
5. The terms of algebraic expression is separated by + or – sign. T / F

Q4 Fill in the blanks

1. If area of rectangle is $91m^2$ and its length is 13m then its width is _____m.
2. Distance covered in 2 rounds along the rectangular track which is 20m long and 10m wide is _____m
3. If product of length and width of rectangle is $36cm^2$, then its area is ____cm^2.
4. Cost of polishing the wooden table with dimensions 7m by 4m @Rs $100/m^2$ is Rs_____.
5. Simplified form of (p-2)-(p+2) is _____.
6. If area of square is $196m^2$, then length of each side is _____m.

Q5 Choose the correct answer (only one).

I. In -3t +4x -3 +4t , like terms are
   a) -3t , -3 b)4x , 4t c)-3t ,4t d) none of these

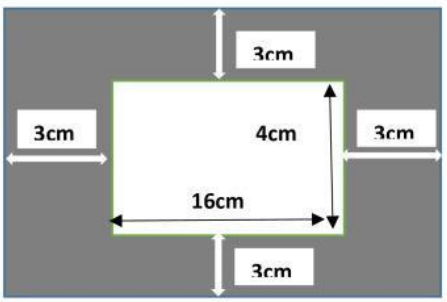
II. Sum of x+7y-3 and 6x -2y +5 is
   a)7x +5y+2 b)7x +9y+8 c)7x+5y+8 d)8x+9y+2

III. If A=2a+1 B=-2 +b+a C=-4b+3 then A-B+C=____
   a)a+6-5b b)4a+3-b c)3a -3b +5 d)-a-6+5b

IV. Subtract 4a +5 from 8+9a, the result is ____
   a)3+5a b)13a +13 c)-5a-3 d)5a-13

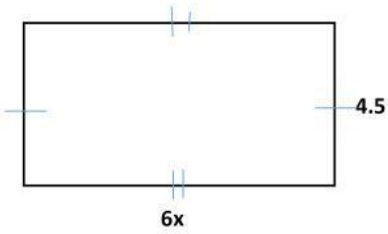
V. Cost of fencing a square garden having length of side 7m @Rs 200/m is
   a)Rs 5600 b) Rs 9800 c)Rs2800 d) Rs1400

Q6 Answer the following according to figure

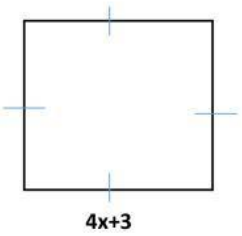


I. Length of inner rectangle _____cm.
II. Width of inner rectangle _____cm.
III. Area of inner rectangle _____cm^2
IV. Length of outer rectangle _____cm
V. Width of outer rectangle _____cm
VI. Area of outer rectangle _____cm^2
VII. Shaded area _____cm^2

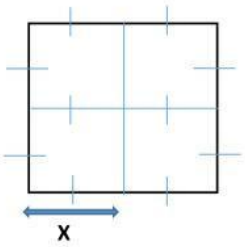
Q7 Match the figure with its perimeter



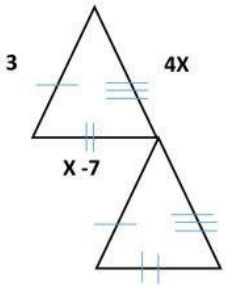
16x+12



12x+9



10x-8



8x