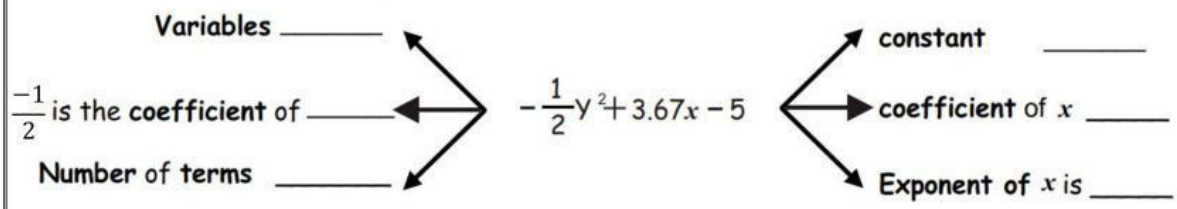
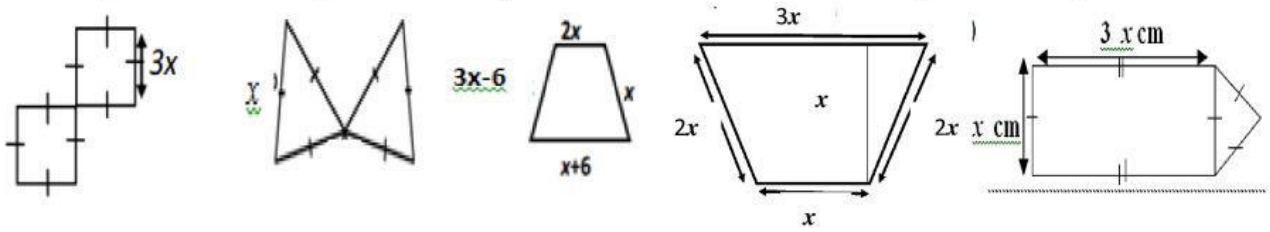
NAME :_____ ROLL#:_____ TOPIC: ALGEBRA

1. *Complete the following by according to given algebraic expression .*



2. Drag the correct figure and drop on the box for each of the perimeter given below.



(i) $7x$ **(ii) $24x$** **(iii) $9x$** **(iv) $6x$** **(v) $8x$**

3. Complete the following table by writing the number of terms and coefficient of the required variables.

Algebraic Expressions	Number of Terms	Co-efficient of x	Co-efficient of y
(i) $6 + x^2 - x - 5y$			
(ii) $\frac{3}{4}x - 3y + 7$			

4. Match the balloons of like term .

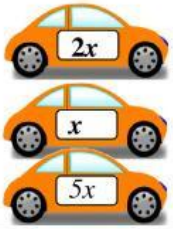


5.Match each expression to its equivalent expression.

\ (i) $3x + 2x$

(ii) $5x - 3x$

(iii) $x + x - x$



LIVEWORKSHEETS

6 .Identify (Encircle) each of the following statement as True or False

(i) **Your age** is **constant**. T / F

(ii) In **3y +** $\sqrt[2]{4}$ **z** , **coefficient** of **y** is **1**. T / F

(iii) **3b** is same as **b + b + b.** T / F

(iv) **3.69 k+ 2h** is an example of **Algebraic expression** . T / F

7. Fill in the boxes.

(i) a → + → 3a → = → ☐

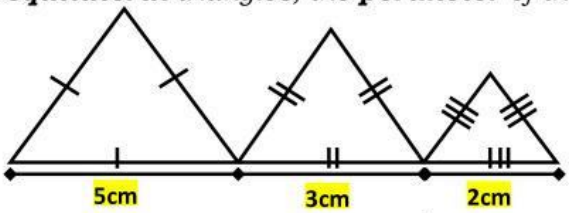
(ii) −8 → + → −9 → = → ☐

(iii) 5b → − → 4b → = → ☐

−5d → + → 7d → = → ☐

8. Encircle the correct answer from the given options.

*(i)The given **figure** is made by **three different equilateral** triangles, the **perimeter** of the whole figure is:*



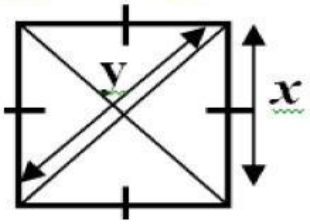
(a) 15cm

(b) 24cm

(c) 30cm

(d) None of these

(ii) The perimeter of figure given at right will be calculated as



(a) y+y+x+x+x+x

(b) y+y+x+x

(c) x+x+x+x

(d) y+x+ x+x+x

(iii) 3y+2 is a/an:

(a) algebraic expression *(b) algebraic sentence*

(c) constant *(d) variable*

(iv)$3x^2y$ & $-6x^2y$ are like terms as they have same:

(a) Coefficients *(b) Variables*

(c) Exponents of variables *(d) both 'b'& 'c'*

(v) If we subtract 2s− t from 2s, we will get:

(a) − t *(b) t+2s* *(c) t* *(d) 2s+2s− t*

(vi) $3x^2y$ & $-6xy^2$ are unlike terms as they have different :

(a) Coefficients *(b) Variables*

(c) Exponents of variables *(d) Constants*

(vii) Which of the following is not the term of $5y^3-4y^2+3y-8$?

(a) $5y^3$ *(b) $-4y^2$* *(c) $-3y$* *(d) − 8*

(viii) *Which of the following expression is equal to 2y?*

(a) +y −3y *(b) 3y− 2y* *(c) y + y* *(d) 3y+y*

LIVEWORKSHEETS