STATE LEVEL ASSESSMENT

SESSION 2019-20

FA	2

FORMATIVE ACTIVITIES

Class: 7

Subject: Mathematics

Paper Code: 7033

Maximum Marks: 10

Instruction: Each activity carries 05 marks. Teacher can choose one activity from each section.

SECTION - A   (Marks: 05)

LO – M 707 - Adds/subtracts algebraic expressions.

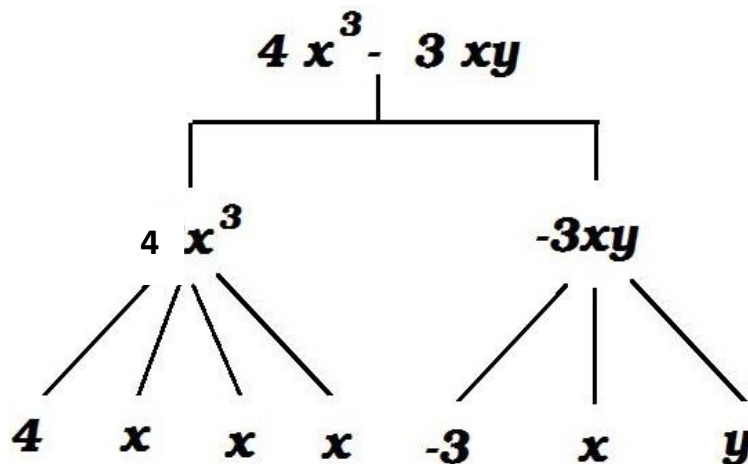**Activity 1.   Tree diagrams**

Draw a tree diagram for the expression

   i. $4x^3 - 3xy$

   ii. $5xy + 10$

Instructions for teacher :

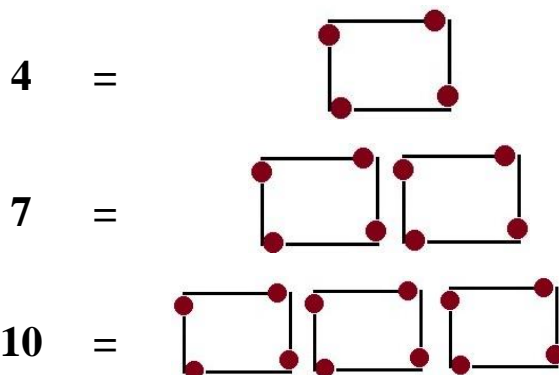On a drawing sheet draw dotted lines for factors and continuous lives for terms, Like

Activity 2. Challenges with match sticks

Use match sticks to represent the pattern (3n + 2)
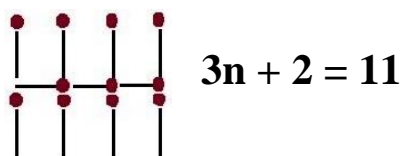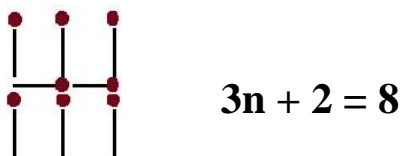
Instruction of teacher :

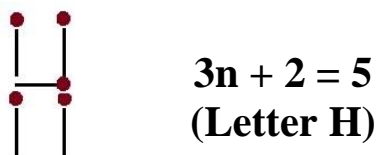With the help of match sticks show on a sheet 3n + 1 = 4, 7, 10 ...

4 =

7 =

10 =

Activity 3. The pattern show

Use colour paper strips/match sticks to show the pattern (3n + 2)

Instruction for teacher: 3n + 2=5, 8, 11……

**3n + 2 = 5
(Letter H)**

3n + 2 = 8

3n + 2 = 11

LO – M 716 - Finds out approximate area of closed shapes by using unit square grid/ graph sheet.

Activity 4.   Symmetrical figures

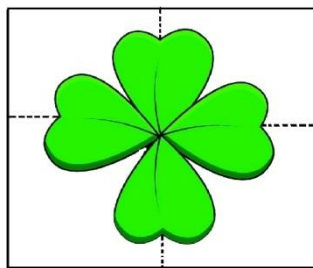Show symmetry by ink and paper. Ask every student to do it on his/her own

Instruction for teacher :

On a white sheet of paper put one drop of colour ink/water colour and fold it once. Press it gently and open the fold. You can see symmetry.

Activity 5.   Flowers tell you

Cut a sheet of coloured paper to make a flower and then show it's symmetry
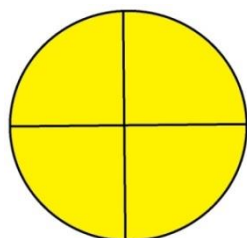
Instruction for teacher :

The students can make any pattern but they should understand the symmetry in the figure.
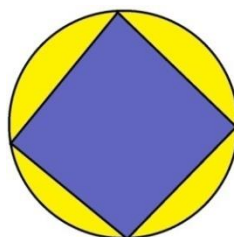
Activity 6.   Symmetry in circles

In a circle, show symmetry by its properties

Instruction for teacher :

Eg. On a coloured sheet draw diameters

or   ..or any other

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