

# Activity 15

## OBJECTIVE

To construct a Pascal's Triangle and to write binomial expansion for a given positive integral exponent.

## MATERIAL REQUIRED

Drawing board, white paper, matchsticks, adhesive.

## METHOD OF CONSTRUCTION

1. Take a drawing board and paste a white paper on it.
2. Take some matchsticks and arrange them as shown in Fig.15.

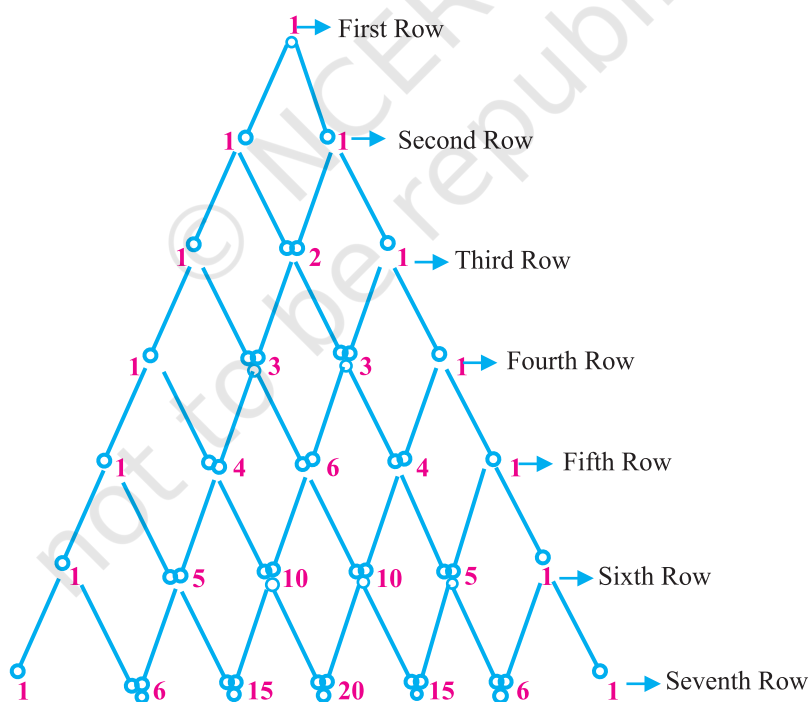


Fig. 15

1 (first row)  
 1 1 (second row)  
 1 2 1 (third row)  
 1 3 3 1 (fourth row), 1 4 6 4 1 (fifth row) and so on (see Fig. 15).

## DEMONSTRATION

- ## OBSERVATION

- ## APPLICATION

24/04/2018