

Name: .....

Roll No: .....

Class: ..... Section: .....

Date: .....

## CREATING SHAPES IN SCRATCH

### Chapter-6

#### A. Match the following polygons with the commands.

- |             |                                                                                     |                                             |
|-------------|-------------------------------------------------------------------------------------|---------------------------------------------|
| 1. Decagon  |    | a. Repeat 8 Move 100 Steps Turn 45 degrees  |
| 2. Pentagon |    | b. Repeat 9 Move 100 Steps Turn 40 degrees  |
| 3. Octagon  |    | c. Repeat 10 Move 100 Steps Turn 36 degrees |
| 4. Triangle |   | d. Repeat 5 Move 100 Steps Turn 72 degrees  |
| 5. Nonagon  |  | e. Repeat 3 Move 100 Steps Turn 120 degrees |

#### B. Write 'T' for true and 'F' for false.

- The value given in the Move block is equal to the number of steps of the sprite on stage. ....
- To draw a rectangle, we can change the value of the repeat block to 3. ....
- You can draw the shapes in any direction you want. ....
- The code to draw a square and a rectangle are same. ....

#### C. Answer the following questions:

- What are polygons? Name any four polygon shapes.  
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- What is the use of Pen block in Scratch?  
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