

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

CREATING SHAPES IN SCRATCH

A. Match the following polygons with the commands:

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|-------------|---|---|
| 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.

- You cannot draw a shape in scratch.
- To draw a circle you need to rotate the sprite by 180 degrees.
- Pen down block is used to start drawing lines as the sprite moves.
- Heptagon has 8 sides.
- To draw an octagon the angle value should be 40 degree.

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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