

## Slides, Flips and Turns

### A. Choose the correct answer:

1. When a shape moves from one place to another without rotating, it is called a

- a) Flip
- b) Turn
- c) Slide
- d) Roll

2. A flip is also known as a

- a) Rotation
- b) Translation
- c) Reflection
- d) Movement

3. Which transformation changes the direction of a shape but not its size or shape?

- a) Slide
- b) Flip
- c) Turn
- d) All of these

4. When a shape is turned around a fixed point, it is called a

- a) Slide
- b) Flip
- c) Turn
- d) Jump

5. Which of the following does not change the position of a shape?

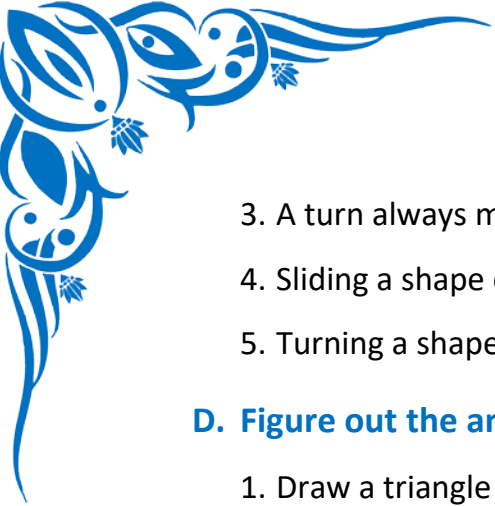
- a) Slide
- b) Turn
- c) Flip
- d) None of these

### B. Write the Missing Terms to Complete the Sentences:

1. A slide moves the shape in the same \_\_\_\_\_.
2. A flip gives the shape a \_\_\_\_\_ image.
3. A turn rotates the shape around a fixed \_\_\_\_\_.
4. When a shape is turned  $90^\circ$ , it is called a \_\_\_\_\_ turn.
5. A shape that looks the same after a half turn has \_\_\_\_\_ symmetry.

### C. Mark each sentence with a True (✓) or False (X):

1. A slide changes the size of a shape \_\_\_\_\_
2. A flip creates a mirror image \_\_\_\_\_



3. A turn always means rotating  $360^\circ$  \_\_\_\_\_
4. Sliding a shape changes its shape \_\_\_\_\_
5. Turning a shape does not change its size \_\_\_\_\_

**D. Figure out the answers to these questions:**

1. Draw a triangle and show how it looks after a flip.
2. Show a slide of a square from left to right using arrows.
3. Take any letter and show how it looks after a  $180^\circ$  turn.
4. List two real-life objects that slide, flip, and turn.
5. Use tracing paper to flip a shape and compare with the original.

**E. Challenge yourself with these questions:**

1. Show with a diagram how the letter Z looks after a flip.
2. Observe a fan and describe the motion as a turn.
3. Draw a rectangle and show a slide in three different directions.
4. Can a shape look the same after a turn? Give one example.
5. Flip a shape horizontally and draw how it looks afterward.