

# Types of Motion

## 1. Fill in the blanks

- A. The spinning top works on \_\_\_\_\_ motion.
- B. The planets work on \_\_\_\_\_ motion.
- C. A \_\_\_\_\_ flitting flower to flower.
- D. The pendulum is an example of \_\_\_\_\_ motion.

## 2. True or false

- A. The motion can be changed in the position of an object with time.
- B. The fan works on circular motion.
- C. The falling of a stone is an example of rectilinear motion.

## 3. Match the following:-

Column A	Column B
I. Chair	A. Can't move
II. Birds	B. Circular motion
III. Needle clock	C. Can move
IV. Swing	D. Periodic motion
V. Falling stone	E. Rectilinear motion

**4. Answer the following questions**

A. What is motion? Describe the types of motion with example

B. What is difference between periodic motion and circular motion?

C. If a vehicle goes straight on the road, what kind of motion is this?

D. The swing machine's needle moves up and down continuously, which kind of motion it this?

E. What is the difference between motion and rest? Provide examples