

Name: _____ Date: _____

Motion and Measurement of Distances

Q1. What type of motion do the following objects have?

- i. an athlete on a circular track with a uniform speed - _____
- ii. a rocking chair - _____
- iii. a stone which is tied to a rope and is being swung in circles - _____

- iv. a bouncing ball - _____
- v. a girl walking on a straight road - _____
- vi. rotating blades of a helicopter - _____
- vii. the movements of a mosquito - _____
- viii. the blades of an electric fan - _____
- ix. a swing in motion - _____
- x. wheels of a moving car - _____
- xi. movement of a merry-go round - _____
- xii. smoke from chimney - _____
- xiii. a vibrating tuning fork - _____
- xiv. bullet train on a straight track - _____
- xv. motion of earth around sun - _____

Motion and Measurement of Distances

Q1. What type of motion do the following objects have?

- i. an athlete on a circular track with a uniform speed - Circular motion
- ii. a rocking chair - Periodic motion
- iii. a stone which is tied to a rope and is being swung in circles -
Circular motion
- iv. a bouncing ball - Periodic motion
- v. a girl walking on a straight road - Linear motion/Rectilinear motion
- vi. rotating blades of a helicopter - Circular motion
- vii. the movements of a mosquito - Random motion
- viii. the blades of an electric fan - Circular motion
- ix. a swing in motion - Periodic motion
- x. wheels of a moving car - Linear and Rotational motion
- xi. movement of a merry-go round - Circular motion
- xii. smoke from chimney - Random motion
- xiii. a vibrating tuning fork - Periodic motion
- xiv. bullet train on a straight track - Linear motion/Rectilinear motion
- xv. motion of earth around sun - Circular and Periodic motion