

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Motion and Measurement of Distances

Q1. When object is said to be in rest?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q2. What do you understand by 'measurement'?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q3. What is the common in between hand span, pace, angul and fist?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q4. When object is said to be in motion?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q5. Why is the hand span not considered as a reliable unit for measuring the length?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q6. What do you understand by standard unit of measurement?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Motion and Measurement of Distances

Q1. When object is said to be in rest?

Ans. If the position of an object does not change with time, it is said to be at rest.

Q2. What do you understand by 'measurement'?

Ans. Measurement means the comparison of some unknown quantity with a known fixed quantity of same kind.

Q3. What is the common in between hand span, pace, angul and fist?

Ans. All of these are non-standard units of measurement that changes from person to person.

Q4. When object is said to be in motion?

Ans. When an object changes its position with time with respect to another object, it is said to be in motion.

Q5. Why is the hand span not considered as a reliable unit for measuring the length?

Ans. Hand span is not considered as a reliable unit for measuring the length because length of hand span varies from person to person.

Q6. What do you understand by standard unit of measurement?

Ans. The unit which is acceptable to the majority of people as a basic unit of measurement is called standard unit of measurement.