Directions:
Write the letter of the correct answer in the blank for each question below.

1. ___________ refers to a series of simple motion events.
   a. motion  
   b. speed  
   c. complex motion  
   d. force

2. Each section of a motion event is called a/an ___________.
   a. position  
   b. distance  
   c. arm  
   d. leg

3. The symbol for time interval is _________.
   a. Ti  
   b. Xi  
   c. t  
   d. \( \Delta t \)

4. Even not moving is part of a motion event.
   a. true  
   b. false
5. The symbol for displacement is _______.
   a. $\Delta t$
   b. $\Delta x$
   c. d
   d. $\Delta d$

6. When an object returns to its starting position, its position is always:
   a. 100
   b. 75
   c. 10
   d. 0

7. Displacement can ONLY be negative.
   a. true
   b. false

8. The measure of how far an object traveled in each leg AND its direction is called ______________.
   a. position
   b. motion
   c. displacement
   d. friction

9. Distance is always ______________.
   a. positive
   b. negative
   c. the same
   d. measured in seconds

10. The sum of the distance from the beginning to the end of a leg is ______________.
    a. distance
    b. time
    c. motion
    d. total time
Complex Motion Post Test

Directions:
Write the letter of the correct answer in the blank for each question below.

1. _____________ refers to a series of simple motion events.
   a. motion
   b. speed
   c. complex motion
   d. force

2. Each section of a motion event is called a/an ____________.
   a. position
   b. distance
   c. arm
   d. leg

3. The symbol for time interval is __________.
   a. Ti
   b. Xi
   c. t
   d. \( \Delta t \)

4. Even not moving is part of a motion event.
   a. true
   b. false
5. The symbol for displacement is _______.
   a. \( \Delta t \)
   b. \( \Delta x \)
   c. \( d \)
   d. \( \Delta d \)

6. When an object returns to its starting position, it’s position is always:
   a. 100
   b. 75
   c. 10
   d. 0

7. Displacement can ONLY be negative.
   a. true
   b. false

8. The measure of how far an object traveled in each leg AND its direction is called ______________.
   a. position
   b. motion
   c. displacement
   d. friction

9. Distance is always ______________.
   a. positive
   b. negative
   c. the same
   d. measured in seconds

10. The sum of the time from the beginning to the end of a leg is ______________.
    a. distance
    b. time
    c. motion
    d. total time
Complex Motion
Pre/Post Test - Answer Key

1. C
2. D
3. D
4. A
5. B
6. D
7. B
8. C
9. A
10. D