

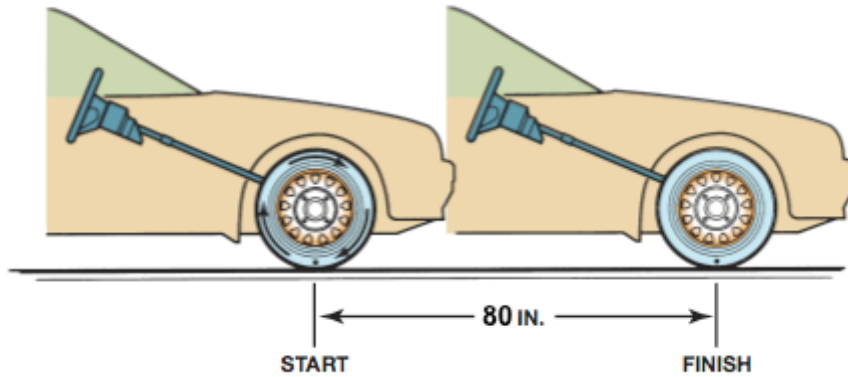
Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) An engine-related vibration can be best detected by performing a _____. 1) _____
A) neutral run-up test
B) test drive on a rough road
C) hard acceleration from a stop
D) any of the above
- 2) What does NVH stand for? 2) _____
A) Noise, vibration, and harshness
B) Normal vibration harmonics
C) Net value of harshness
D) None of these
- 3) What is the first step in diagnosing a noise or vibration complaint? 3) _____
A) Test drive to verify the concern
B) Visual inspection of likely worn parts
C) Jounce test
D) None of these
- 4) What term describes an oscillating motion around a reference position? 4) _____
A) Vibration
B) Wind up
C) Slippage
D) None of these
- 5) Technician A says that low frequency vibrations may be heard as a moan or hum. Technician B says that high frequency vibrations may be heard as a moan or hum. Which technician is correct? 5) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 6) Measuring driveshaft U-joint phasing involves checking to see if the front and rear U-joints are _____ with each other. 6) _____
A) parallel
B) crossed
C) at an angle
D) opposite phased

7) Calculate the rolling frequency of this tire at 50 mph.

7) _____



- A) 11 Hz
- B) 13.8 Hz
- C) 653 Hz
- D) 7.4 Hz

8) Driveshaft vibrations may be corrected by using _____ to balance the shaft.

8) _____

- A) clip-on wheel balancing weights
- B) hose clamps
- C) balancing fluid
- D) stick-on wheel balancing weights

9) What is the most common cause of low frequency vibration?

9) _____

- A) Tire or wheel problems
- B) Defective transmission mount
- C) Defective CV joint
- D) None of these

10) A defective clutch release (throw out) bearing is usually heard when the clutch is _____.

10) _____

- A) engaged in neutral
- B) disengaged in gear
- C) depressed to take up any free play
- D) engaged in first gear or reverse