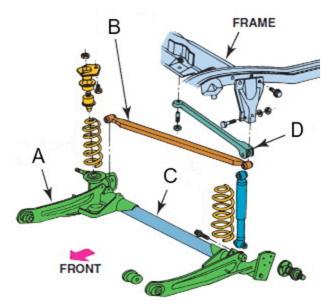
Automotive Technology 6th Edition Quiz 118B
Name
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or ans

1) Which of the following is a disadvantage of a solid rear axle?A) Increased proportion of unsprung weightB) Side to side shock transference	1)
C) Reduced tire adhesion	
D) All of these are disadvantages of a solid rear axle.	
2) Most light-duty trucks use a solid rear axle that is attached to with U-bolts.	2)
A) struts	
B) coil springs	
C) torsion bars	
D) leaf springs	
3) Which of the following reduce tire adhesion (traction)?	3)
A) Unsprung weight	•
B) Wheel tramp	
C) Shimmy	
D) All of these reduce tire adhesion	
4) Technician A says that vehicles with independent rear suspensions provide better handling than	4)
those with solid rear axles. Technician B says that vehicles with independent rear suspensions	
generally have less unsprung weight. Which technician is correct?	
A) Technician A only	
B) Technician B only	
C) Both technicians	
D) Neither technician	



- A) A
- B) B
- C) C
- D) D
- 6) Technician A says that the top mounting nut for a rear shock absorber is often located inside the vehicle. Technician B says that shocks, struts, and springs should always be replaced in axle sets. Which technician is correct?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 7) Axle windup is most often a problem with _____.

7) _____

- A) front-wheel drive vehicles
- B) vehicles with a live rear axle
- C) Both A and B
- D) Neither A nor B
- 8) A vehicle equipped with a coil spring front suspension and a leaf spring rear suspension "dog tracks" while driving on a straight, level road. Technician A says that a broken center bolt could be the cause. Technician B says defective rear shock absorbers could be the cause. Which technician is correct?
- 8) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

9) When axle windup is controlled by the rear leaf spring during acceleration, the suspension type	9)	
is called a		
A) trailing arm		
B) semi-trailing arm		
C) torque arm		
D) Hotchkiss drive		
10) A track rod is also called a	10)	
A) Panhard rod		
B) control rod		
C) handling link		
D) semi-independent rod		

Answer Key

Testname: AT6_118B

- 1) D
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- 2) D
- Page Ref: 1443
- 3) D
 - Page Ref: 1441
- 4) C
 - Page Ref: 1444
- 5) B
 - Page Ref: 1443
- 6) C
 - Page Ref: 1446
- 7) B
 - Page Ref: 1442
- 8) A
 - Page Ref: 1447
- 9) D
 - Page Ref: 1442-1443
- 10) A
 - Page Ref: 1443