

Name _____

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

- 1) Technician A says that some proportioning valves have one control valve that controls both rear brakes. Technician B says that some proportioning valves have two control valves, one for each rear wheel brake. Which technician is correct? 1) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 2) The ratio of front to rear hydraulic system pressure supplied to the rear brakes by the proportioning valve is called _____. 2) _____
 - A) slope
 - B) split point
 - C) limit point
 - D) pressure limit

- 3) A combination valve could include _____. 3) _____
 - A) metering and proportioning valves
 - B) proportioning and pressure-differential valves
 - C) proportioning, metering, and pressure-differential valves
 - D) any of the above depending on the make and model of the vehicle

- 4) When the brakes are applied in a panic situation, the rear brakes have a tendency to skid. The most likely cause is _____. 4) _____
 - A) compensation port clogged in the master cylinder
 - B) quick take-up valve in the master cylinder
 - C) metering valve is faulty
 - D) proportioning valve is faulty

- 5) The button on the _____ valve should be held when pressure bleeding the brakes. 5) _____
 - A) metering
 - B) proportioning
 - C) pressure-differential
 - D) residual check

- 6) A typical brake pedal position sensor/switch is _____. 6) _____
 - A) electrically normally open
 - B) electrically normally closed
 - C) checked using an ammeter
 - D) checked using a special tester

- 7) Technician A says installation of aftermarket air shocks may cause height-sensitive proportioning valves to function improperly. Technician B says vehicles equipped with ABS systems using electronic brake proportioning (EBP) do not need proportioning valves. Which technician is correct? 7) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 8) Which type of vehicles most often do not use metering valves? 8) _____
- A) Rear-wheel drive
 - B) Four-wheel drive
 - C) Front-wheel drive
 - D) All-wheel drive
- 9) The rear brakes lock up during hard braking. Technician A says the metering valve could be the cause. Technician B says that a defective proportioning valve could be the cause. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 10) Two technicians are discussing the metering valve in a front-disc, rear-drum braking system. Technician A says that the metering valve delays application of the front brakes. Technician B says that the metering valve delays the application of the rear brakes. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician