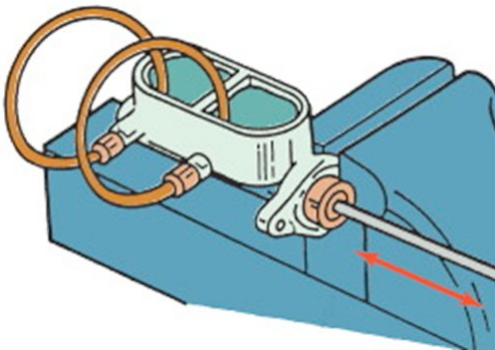


Name _____

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

- 1) Technician A says that if brake fluid movement is observed when the service brake is depressed, there is air in the hydraulic system. Technician B says that if venting (compensating) occurs, the master cylinder is usually operating okay. Which technician is correct? 1) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 2) What service is being performed in this illustration? 2) _____



- A) Honing a master cylinder
 - B) Bench bleeding of a master cylinder
 - C) Testing master cylinder pressures
 - D) Lubricating a master cylinder before installation
- 3) Two technicians are discussing the operation of a master cylinder. Technician A says that the push rod is connected to the primary piston. Technician B says that the secondary piston is pushed forward by the fluid trapped ahead of the primary piston. Which technician is correct? 3) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 4) Technician A says that brake pedal freeplay may be as little as 1/8 inch. Technician B says that brake pedal freeplay allows the master cylinder pistons to fully retract. Which technician is correct? 4) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

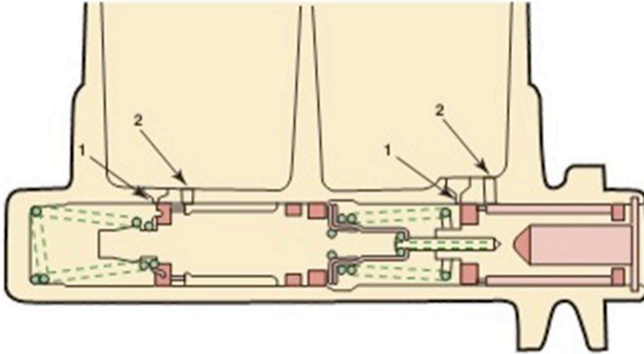
5) Brake fluid pressure is measured in what unit?

- A) Sq. in.
- B) Pounds
- C) Inches
- D) PSI

5) _____

6) Identify the vent ports.

6) _____



- A) 1
- B) 2
- C) Either 1 or 2
- D) Neither 1 nor 2

7) The master cylinder body is NOT equipped with a _____.

- A) compensating port
- B) transfer port
- C) replenishing port
- D) cylinder bore

7) _____

8) What law of hydraulics does the brake system use?

- A) Ohm's Law
- B) Pascal's Law
- C) Watt's Law
- D) All of the above

8) _____

9) Two technicians are discussing a problem where the brake pedal travels too far before the vehicle starts to slow. Technician A says that the brakes may be out of adjustment. Technician B says that one circuit from the master cylinder may be leaking or defective. Which technician is correct?

9) _____

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

10) Air in the lines causes what type of problem?

- A) Vibration in the brake pedal during stops
- B) Low spongy brake pedal
- C) Brake noise
- D) Hard brake pedal

10) _____