

PREREQUISITE REVIEW

6. Technician A says that to increase the amount of leverage created by a brake pedal, the connection to the master cylinder should be placed as close as possible to the pivot point. Technician B says that placing the connection to the master cylinder as close as possible to the pivot point will also increase the amount of brake pedal travel when the brake is applied. Who is right?
 - A. Technician A
 - B. Technician B
 - C. Both Technician A and B
 - D. Neither Technician A or B
7. Which of the following is a characteristic of a basic hydraulic system?
 - A. Liquid in a confined space will compress.
 - B. Pressure applied to a liquid in a confined space will be transferred equally in all directions.
 - C. Air in a confined space will not compress.
 - D. Pressure applied to a liquid in a confined space will be transferred in the direction of flow.
8. In a basic hydraulic system, if a small piston acts upon a larger piston the force of the larger piston will _____ and the distance it will travel will _____.
 - A. decrease, increase
 - B. increase, increase
 - C. decrease, decrease
 - D. increase, decrease
9. Which of the following is a characteristic of the standard brake fluid used in all cars and light trucks manufactured for the North American market?
 - A. It is light amber in color and readily absorbs moisture.
 - B. It is referred to as DOT 5.
 - C. It is purple in color and readily absorbs moisture.
 - D. It must meet the minimum standards which are set by SAE.
10. Which of the following occurs as the amount of moisture in brake fluid increases?
 - A. The brake fluid turns yellow
 - B. The brake fluid boiling point increases
 - C. The brake fluid boiling point decreases
 - D. The brake fluid loses its color