

Automotive Technology 7<sup>th</sup> Edition  
Chapter 10: Vehicle Lifting and Hoisting  
Short Answer Quiz

Name:

Date:

1. What is the primary purpose of a floor jack?

2. While floor jacks can lift vehicles or vehicle components, what are they not designed to do?

3. Why is it advised to remove the load from a floor jack after lifting the vehicle?

4. Describe the purpose and design of a creeper used by technicians.

5. How should creepers be stored when not in use to ensure safety?

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6. How do most of the vehicle hoists in use today pressurize hydraulic fluid to lift vehicles?

7. Explain the difference between symmetrical and asymmetrical lifts in the context of vehicle hoists.

8. Where can one find the recommended standards for vehicle lift points and lifting procedures?

9. What are the common areas that can get damaged if the arms of the lift come into contact before the pad touches the intended location?

10. Why is it cautioned against using ramps in professional repair shops?