

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

- 1) Two technicians are discussing the lifting of a vehicle. Technician A says to put the pads of a lift under the pinch weld seams of a unit-body vehicle. Technician B says to place the pads as far apart as possible on the frame of a full-frame vehicle. Who is right?
A) A only B) B only C) Both A and B D) Neither A nor B 1) _____
- 2) The SAE standard for hoist location is _____.
A) J-14302 B) J-1980 C) JRP-2184 D) SAE-2009 2) _____
- 3) When removing heavy components that may change the center of gravity of a vehicle _____.
A) Position hoist arms as far apart as possible
B) Use tall safety stands
C) Both A and B
D) Neither A nor B 3) _____
- 4) Technician A says that tall safety stands can be used to provide additional support for a vehicle while on a hoist. Technician B says that some newer vehicles have a decal indicating the recommended hoisting lift points. Who is right?
A) A only B) B only C) Both A and B D) Neither A nor B 4) _____
- 5) Most floor jacks use _____ wheels, which allow the jack to be easily moved around the shop.
A) 4 B) 2 C) 6 D) 3 5) _____
- 6) Technician A says that ramps are an expensive way to raise the front or rear of a vehicle. Technician B says that ramps can be dangerous because they can "kick out" when driving the vehicle onto the ramps. Who is right?
A) A only B) B only C) Both A and B D) Neither A nor B 6) _____
- 7) Before lowering the vehicle, what should the technician do?
A) Ensure nothing is underneath the vehicle
B) Be sure no one will be walking under or near the vehicle
C) Raise the vehicle enough to release the safety latch
D) All of these 7) _____
- 8) Which of these is LEAST likely to be used to lift a vehicle in a professional shop?
A) Drive-up ramps B) Two post frame engaging hoist
C) Floor jacks D) None of these 8) _____
- 9) Pad extensions may be needed when hoisting what type of vehicle?
A) Small cars B) Pickup trucks C) Vans D) Either B or C 9) _____
- 10) Technician A says that whenever a floor jack is used to raise a vehicle off the ground safety stands should be used to support the vehicle. Technician B says that the floor jack can support the vehicle safely as long as it is just for a short time. Who is right?+
A) A only B) B only C) Both A and B D) Neither A nor B 10) _____

- 11) Technician A says that a creeper should be stored vertically. Technician B says that a creeper should be stored on its casters. Which technician is correct? 11) _____
 A) Technician A only B) Technician B only
 C) Both technicians A and B D) Neither technician A nor B
- 12) Tall safety stands would be used to _____. 12) _____
 A) Help support the vehicle when a major component is removed from the vehicle
 B) Lift a vehicle
 C) Lift a component such as an engine high off the ground
 D) Both B and C
- 13) When checking stability, how high should the vehicle be raised? 13) _____
 A) About 6 inches (15 cm) B) About 1 foot (30 cm)
 C) About 3 feet (91 cm) D) About 2 inches (5 cm)
- 14) Professional repair shops do not use ramps because _____. 14) _____
 A) They can be used to raise only the front of the vehicle
 B) They can "kick out" and are dangerous to use
 C) They can be used to raise only the rear of the vehicle
 D) They can be used without having to block the wheels
- 15) What can be used to prevent damage to vehicle components when hoisting? 15) _____
 A) The correct size lift pads B) A block of wood used with jack stands
 C) Both A and B D) Neither A nor B
- 16) Technician A says to never look away from a vehicle being hoisted. Technician B says that the vehicle must be raised off the mechanical locks before lowering. Which technician is correct? 16) _____
 A) Technician A only B) Technician B only
 C) Both technicians A and B D) Neither technician A nor B
- 17) Technician A says that a hoist can be stopped at any level as long as the safety latch engages. Technician B says that the vehicle should be hoisted to the top of the hoist travel for safety. Which technician is correct? 17) _____
 A) Technician A only B) Technician B only
 C) Both technicians A and B D) Neither technician A nor B
- 18) Vehicle hoists are rated by _____. 18) _____
 A) Maximum lifting capacity
 B) The maximum height a vehicle can be lifted
 C) Both A and B
 D) Neither A nor B
- 19) Commonly damaged areas of a vehicle during hoisting include _____. 19) _____
 A) Exhaust systems B) Rocker panels
 C) Tires or body panels D) All of the above
- 20) Technician A says to always adhere to the specified hoisting locations as found in service information. Technician B says that adapters or extensions are often needed when hoisting pickup trucks or vans. Who is right? 20) _____
 A) A only B) B only C) Both A and B D) Neither A nor B