

Animation Worksheet: Fan Motor Checks

Name: _____ **Date:** _____

1. To check voltage at various points in the fan relay circuits, a technician must first connect the _____ meter probe to a good ground.
2. Before starting measurements, you must set the digital multimeter to measure _____ voltage.
3. To begin the circuit test, connect the _____ meter probe to one side of the fan fuse.
4. When testing at the fuse with the engine off, the meter should read approximately _____ voltage.
5. After checking one side of the fuse, you must move the red probe to the _____ side of the fuse to ensure it is not blown.
6. The display on the meter should indicate _____ voltage on both sides of a functional fuse.
7. When moving to the relay, connect the red probe to the voltage _____ on the switch side of the relay.
8. It is important to note the _____ on the meter at each test point to identify where power might be lost.
9. Technicians must move the red probe to the voltage _____ side of the relay control circuit to verify the "coil" side has power.
10. If the circuit shows battery voltage at the relay but the fan does not run, you should refer to _____ to test the relay itself.