

Animation Worksheet: Cooling Fan

Name: _____ **Date:** _____

1. Cooling fans are designed to activate at a specific _____ and/or air conditioning _____.
2. The two main types of cooling fan speeds shown in the video are _____ and _____.
3. The low-speed fan should typically turn on when the coolant reaches approximately _____ degrees Fahrenheit.
4. The high-speed fan should typically turn on at approximately _____ degrees Fahrenheit.
5. In terms of pressure, the low-speed fan activates at _____ pounds of high-side pressure.
6. The high-speed fan requires a high-side pressure of _____ pounds to activate.
7. To monitor the engine coolant temperature during a test, technicians use a _____.
8. When testing the fans, you should start the engine and observe the fans while looking at the _____ on the data list.
9. The fan assembly consists of the fan blades, the _____, and the _____ which helps direct airflow.
10. It is important to _____ the temperature at the exact moment the cooling fans activate to ensure the system is working according to manufacturer specifications.