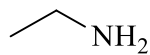
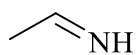
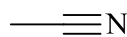


- Consider the amine **D**, imine **E** and nitrile **F** shown below. Draw any lone pairs of electrons that are required to complete the structures.

**Mark
s**
3

**D****E****F**

What is the hybridisation at *N* in compound **D**?

What is the hybridisation at *N* in compound **E**?

What is the hybridisation at *N* in compound **F**?

Which of these compounds is the most basic? Why?

THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.