Question #63230, Chemistry / General Chemistry

Chapter 9 (9.99)

Consider the molecule C4H5N, which has the connectivity shown below.

1)After the Lewis structure for the molecule is completed, how many σ and how many π bonds are there in this molecule?

Answer:

$$\begin{array}{c} H \\ \vdots \\ C : C \\ \vdots \\ H : C \\ \vdots \\ N \\ \vdots \\ H \end{array}$$

10 σ and 2 π bonds are there in this molecule.

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