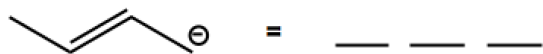


CONCEPT: DRAWING ATOMIC ORBITALS

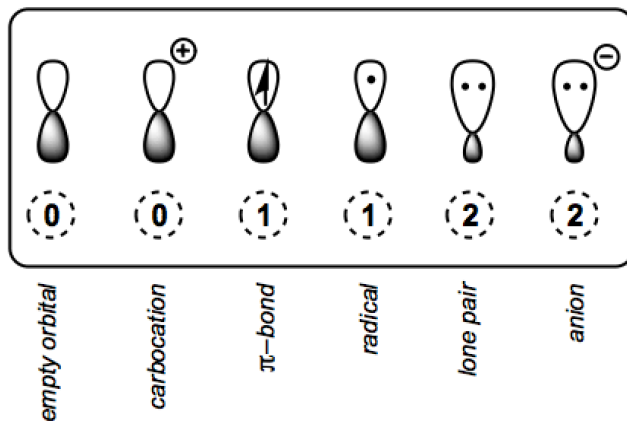
Transforming a conjugated molecule into atomic orbitals requires two rules:

1. Number of Atomic Orbitals

"One atomic orbital per conjugated atom"



2. π -electron contribution



EXAMPLE: Provide the correct atomic orbitals for the following conjugated molecules.

