

Commas

Rule 1: Put a comma after introductory words, phrases, or clauses that are followed by a complete sentence.

Nevertheless, a trend in the enhancement of the quantum efficiency is observed for samples coated with different polymers

On the other hand, the diffraction pattern in Figure 12b exhibits distinct spots on diffuse lines.

As previously described in the Crystal Structure section, the bridging iodine atom is located at the midpoint between two diplatinum units.

Rule 2: If two clauses that could be separate sentences are joined by a linking word like *and*, *but*, *or*, *so*, or *yet*, put a comma before the linking word.

Only a minor fraction of this N alkylated derivative (~5%) hydrolyzed under the acidic conditions over 10 h, and all loss generated an equivalent quantity of dA.

A very weak band is also observed at 114 cm^{-1} for **3**, but the energy of this band shows little temperature dependence.

Rule 3: When a sentence contains a list, put a comma before the *and* or *or* that comes before the last item.

Table I shows that samples passivated with PVB, MA, and PVA exhibit a substantial increase in quantum efficiency upon UV irradiation.

Rule 4: Use a comma between two or more adjectives that come before a noun only if you can reverse the order of the adjectives.

The illustrated ketone synthesis methodology clearly represents the basis for a novel, inexpensive, large scale preparation of biologically and pharmacologically important short oligopeptide sequences.

It is rather surprising that there are no reports on the optical storage luminescence exhibited by this **important industrial phosphor** being used in the lighting industry for three decades.

Rule 5: Separate words like *for example*, *however*, or *therefore* from the rest of the sentence with commas.

The band at $17,000\text{ cm}^{-1}$, however, disappears in solution.

Rule 6: If a clause or phrase adds information about the preceding noun but could be left out without changing the meaning of the sentence, set it off from the rest of the sentence with commas.

Concurrently, the α -chloroamine, **9a**, **in a solution of THF**, was added to the NaH/Celite column and allowed to drip by gravity through solid bases onto the catalyst-loaded resin of the middle column.

This transformation, **which was verified by Raman spectroscopy**, was apparently induced by the mechanical pressure exerted by the AEM tip in contact mode.

Exercise. All commas have been removed from the sentences below. Insert commas in the correct places.

1. In contrast the N derivative was much less stable under mild alkaline conditions.
2. Like silylenes and carbenes germylenes are isovalent with phosphines and may function as ligands to transition metal complexes.
3. Polymorph selectivity can be achieved through two-dimensional epitaxy which allows efficient screening of substrates for polymorph control through geometric lattice modeling prior to performing experiments with actual libraries.
4. In detail assembly II consists of three fritted jacketed columns (each 2 cm wide) including two top columns (type A) for reagent synthesis a catalytic column (type B) into which the reagent columns feed and a scavenger resin column (type C) below the catalytic column.
5. The catalyst-loaded resin column was washed with methanol methylene chloride and diethyl ether and dried under high vacuum.