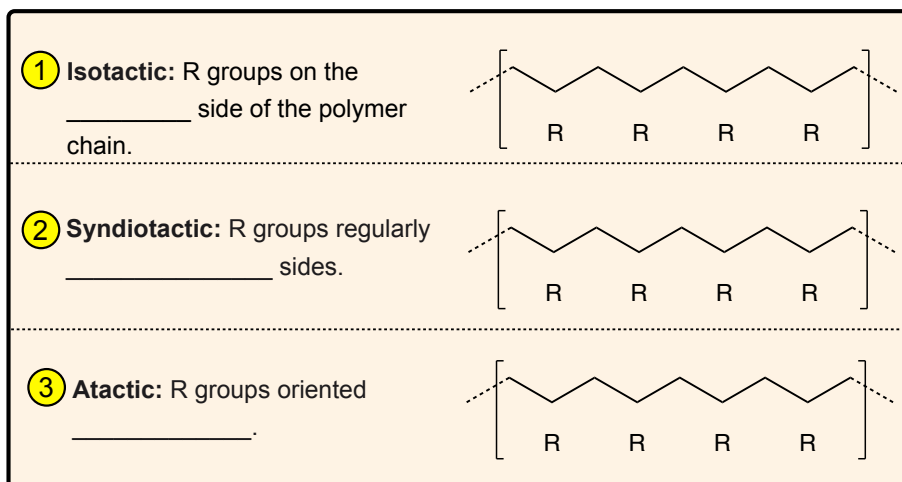


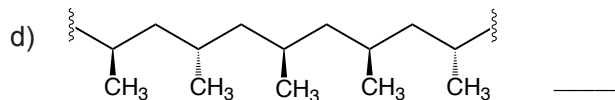
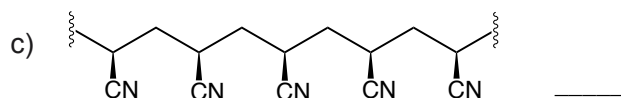
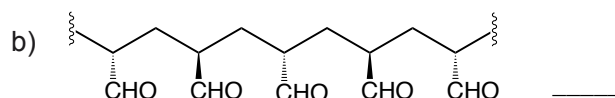
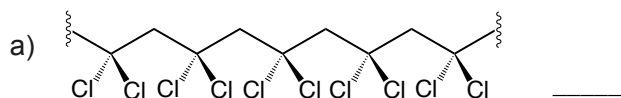
## CONCEPT: POLYMERS STEREOCHEMISTRY

- Linear polymers can possess a large number of \_\_\_\_\_ centers.
- \_\_\_\_\_ types of stereochemical configurations are possible.
  - Depend on spatial \_\_\_\_\_ of side groups (R) along the polymer chain.



- Polymerization conditions result in \_\_\_\_\_ stereochemistry.

**EXAMPLE:** Indicate whether each polymer rotates plane-polarized light with Y or N.



**PRACTICE:** Draw a segment of syndiotactic polymer of vinyl chloride.