

Radical Substitution

Pre-lesson assignment – Textbook page 178, 189-191

Define the following terms

- Homolytic Fission
- Radical
- Initiation
- Propagation
- Termination
- Substitution reaction

Now watch the video tutorial on radical substitution

Make notes on radical substitution

Use the following questions as guidance

1. Show, using the reaction of methane and bromine
 - a. The initiation step
 - b. The propagation step
 - c. The termination step
 - d. The overall reaction.
2. State two problems with making chemicals by radical substitution.