Class & Group	Seat	Name	Student number	Date	Handout Number

Pre-reading thinking question:

What is organic synthesis?

Reading

Progress in organic synthesis is being made currently through discoveries in three different areas: (a) new chemical reactions, (b) new reaction conditions, and (c) development of new strategies. It is easy to understand that discoveries made in the first two areas will have a direct impact on the field of organic synthesis. Indeed, we can readily foresee that the discovery of a new chemical reaction will be of great importance for synthesis. This is especially true when this new reaction allows the realization of a chemical transformation which was not previously possible. It is also true that the report of improved conditions to carry out a known reaction can be a very valuable contribution, especially for a reaction which was previously considered to be purely of theoretical interest. It is important to point out here that it is extremely difficult to plan the discovery of "truly" new chemical reactions and that most of them are usually discovered by accident. On the other hand, it is relatively easy to develop new reaction conditions for a known chemical process.

Post-reading question:

What are the ways of progress in organic synthesis?

Translation:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____