Exercise 1: - Curved arrows

Draw curved arrows to show the flow of electrons in the following reactions:

1.

2.

$$(H_3C)_3C$$
 \longrightarrow $(CH_3)_3C^+ + :CI:$

3.

$$H_3CC \equiv C$$
: $+ H_2C \longrightarrow H_3CC \equiv C \longrightarrow H_3CC \equiv C \longrightarrow H_2C \longrightarrow CH_3$

4.

$$H_2C$$
 CH_3
 H_2C
 H_2C
 H_3
 CH_3
 H_2C
 H_3
 CH_3
 H_3
 CH_3

5.

$$H_2C$$
 $+$ BH_3 $+$ H_2B H CH_3 CH_3

6.