1. Use the Hantsch-Widman system to build the name of the shown heterocycles Where possible, give additionally the trivial name.













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2. What products are expected in the following reactions?

- 3. Halogenated pyridines are important building blocks to access bioactive compounds. Propose methods from pyridine for the preparation of:
 - 2- / 4-chloro pyridine (as mixture)
 - 3-chloro pyridine (selectively)