

CONCEPT: SUBSTITUTION COMPARISON

When given a substitution reaction, use the following two factors to determine the mechanism:

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|-------------------------------|----------------|----------------|
| 1. Nucleophile Strength | $S_N1 =$ _____ | $S_N2 =$ _____ |
| 2. Leaving Group Substitution | $S_N1 =$ _____ | $S_N2 =$ _____ |

EXAMPLE: Provide the mechanism and final products for the following reactions.

