

**Quiz 8**

**NAME:** \_\_\_\_\_

List the atomic identity for each (i.e. the N9 of Adenosine on the template stand):

**1. DNA replication:**

Nucleophile

Leaving Group

**2. EcoR I DNA digestion:**

Nucleophile

Leaving Group

**3. What chemical elements (think periodic table) are common to both mechanisms?**

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