

### Pre-Post Recombinant DNA and Genetic Engineering

Before reading the article, circle “True” for each true statement and “False” for each false statement in the column on the left. Respond to each statement individually. After reading the article, respond to each statement again circling “True” or False” in the column on the right.

Pre-Reading		Post-Reading
True or False	1. Recombinant DNA technology is a recent discovery.	True or False
True or False	2. Traditional breeding methods do not allow characteristics to be transferred from a plant to an animal.	True or False
True or False	3. Any modification of DNA is genetic engineering.	True or False
True or False	4. Genetic engineering and the production of recombinant DNA requires the use of restriction enzymes.	True or False
True or False	5. Most genetic engineering requires the use of a vector to introduce the new genetic material into the host cell.	True or False
True or False	6. Only one generation of a successfully engineered crop or drug-producing microbe is needed before being made commercially available.	True or False
True or False	7. Gene therapy is one form of genetic engineering.	True or False