

# GENETIC TRANSFORMATION



Complete this concept review handout and keep it as a record of what you have learned.

## DEFINITIONS

- A genetic transformation is \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- A GMO (genetically modified organism) is \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- Cloning is \_\_\_\_\_  
 \_\_\_\_\_

## THE MOST COMMON PROCESS OF GENETIC TRANSFORMATION

1. Identification of a need or desire.
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

## CLONING

### Types of cloning

Type	Purpose
_____	To naturally produce genetically identical beings asexually.
_____	To produce genetically identical individuals through genetic transformation.

### Human cloning

Type	Purpose
_____	To create an individual who is genetically identical to the one being cloned.
_____	To grow tissue or organs for a transplant.