

## KEY FACTS

- ★ Adult cell cloning: nucleus from body cell → enucleated egg → embryo → surrogate
- ★ Example: Dolly the sheep (1996)
- ★ Tissue culture: plant cells grown in sterile nutrient medium → identical plants

## KEY TERMS

|                           |   |
|---------------------------|---|
| <b>Clone</b>              | Genetically identical copy of an organism         |
| <b>Adult cell cloning</b> | Using body cell nucleus in enucleated egg → clone |

■ EXAM TIP: Adult cell cloning steps: 1) Remove nucleus from body cell. 2) Remove nucleus from egg. 3) Fuse. 4) Develop. 5) Implant in surrogate.