

## MITOSIS v. MEIOSIS Venn Diagram

Purpose is for growth and repair

Produces haploid cells

Type of asexual reproduction

Produces diploid cells

Produces new cells

Genetically identical daughter cells

Purpose is to produce gametes  
(sperm and egg)

Produces genetically different  
daughter cells

Daughter cells have half the  
amount of DNA as parent cell

Daughter cells have same  
amount of DNA as parent cell

Type of sexual reproduction

A type of cell division

**MITOSIS**

**BOTH**

**MEIOSIS**

