

# Mitosis

Same number of chromosomes as original cell

Asexual reproduction

$2n$ , diploid cells

Makes body cells

Divided from a somatic cell

Happens in all parts of the body

Daughter cells have ALL DNA chromosomes

Goes through one stage of division  
Creates 2 daughter cells

# Both

Similar basic steps

Involves chromosomes and DNA

Starts with one cell (asexual)

Reproduce cells

# Meiosis

Makes sex cells (sperm, egg)

Daughter cells have 23 chromosomes (half)

Happens in specialized areas

Allows for sexual reproduction

$n$ , haploid cells

Goes through 2 stages of division

Creates 4 daughter cells

Divided from a reproductive cell