

KEY FACTS

- Mitosis: 2 identical diploid cells → growth and repair
- Meiosis: 4 different haploid cells → gametes for sexual reproduction
- Before mitosis: DNA replicates
- ★ Crossing over in meiosis → creates new allele combinations

KEY TERMS

Mitosis	2 identical diploid cells — growth/repair
Meiosis	4 different haploid cells — gametes
Haploid	Half the chromosome number

■ EXAM TIP: Mitosis = 2 IDENTICAL. Meiosis = 4 DIFFERENT. Never confuse.