

Activity 5: Let's Practice

Direction: Determine whether the following characteristics apply to mitosis, meiosis, or both by putting a **check mark** (✓) in the appropriate column.

FEATURES	MITOSIS	MEIOSIS
1. No pairing of homologous chromosome occur		
2. Two divisions		
3. Four daughter cells produced		
4. Associated with growth and asexual reproduction		
5. Associated with sexual reproduction		
6. One division		
7. Two daughter cells produced		
8. Involves duplication of chromosomes		
9. Chromosomes number is maintained		
10. Chromosomes number is halved		
11. Crossing over between homologous chromosome may occur		
12. Daughter cells are identical to parent cell		
13. Daughter cells are not identical to the parent cell		
14. Produces gametes		
15. Synapsis occurs in prophase		