

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 | | |