

### 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                           |         |         |