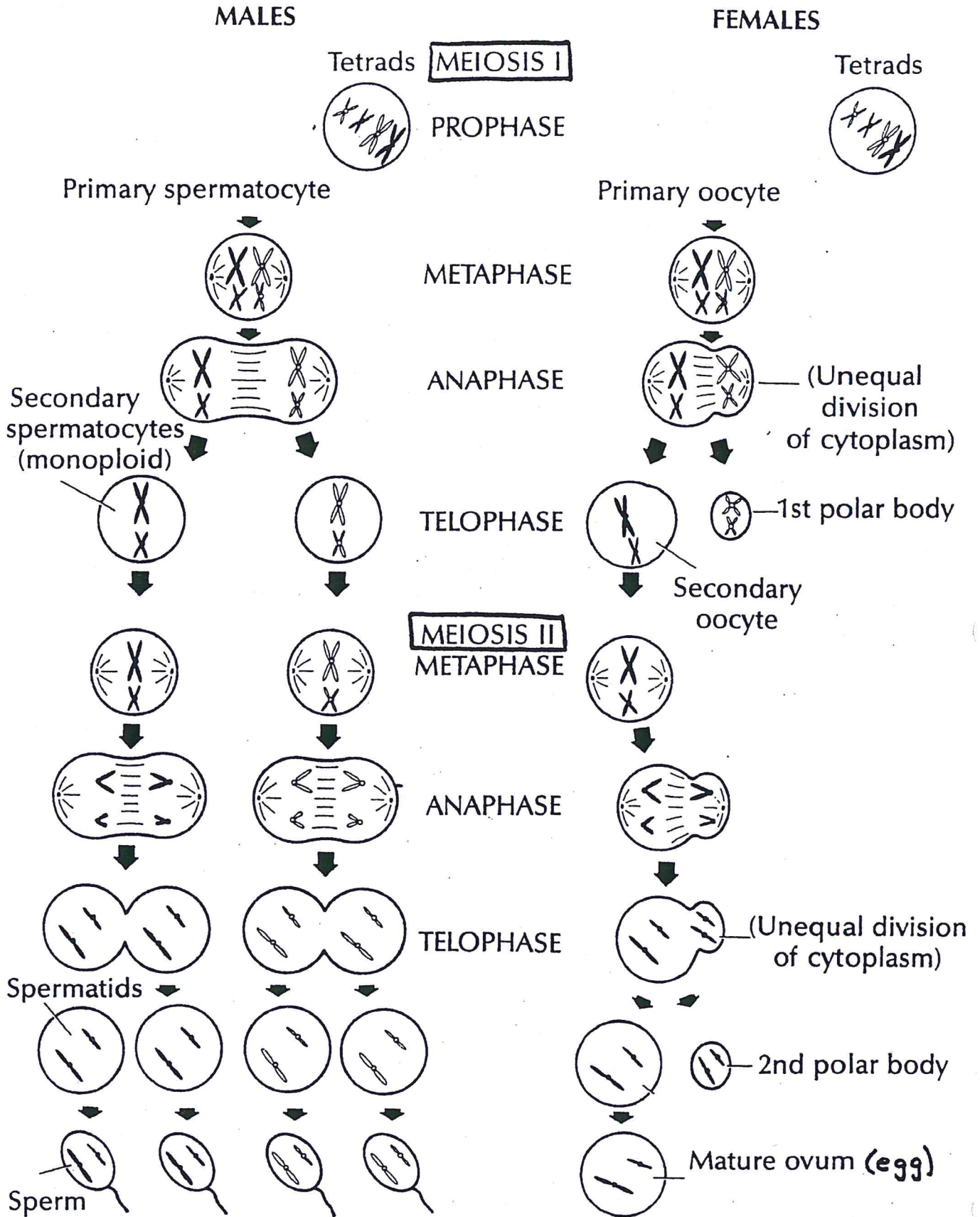


# Stages of Meiosis

F.Y.1



# COMPARING MITOSIS AND MEIOSIS

Name \_\_\_\_\_

Determine whether the following characteristics apply to mitosis, meiosis or both by putting a check in the appropriate column(s).

**Mitosis**

**Meiosis**

1. no pairing of homologs occurs

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. chromosome number is maintained

10. chromosome number is halved

11. crossing over between homologous chromosomes may occur

12. daughter cells are identical to parent cell

13. daughter cells are not identical to parent cell

14. produces gametes

15. *Crossing over* in prophase