

# ● Sexual Reproduction and Meiosis

Check (✓) the statements that agree with the textbook. Rewrite the other statements so that they agree.

- \_\_\_\_\_ 1. The egg and sperm have a diploid chromosome number.
- \_\_\_\_\_ 2. The chromosome number is reduced by a process called mitosis.
- \_\_\_\_\_ 3. When two sex cells join, the chromosome number is doubled.
- \_\_\_\_\_ 4. The joining of an egg and sperm is called meiosis.
- \_\_\_\_\_ 5. Body cells contain pairs of chromosomes.
- \_\_\_\_\_ 6. A zygote has a diploid chromosome number.
- \_\_\_\_\_ 7. Meiosis produces cells with a diploid chromosome number.
- \_\_\_\_\_ 8. After two nuclear divisions in meiosis, four cells result.
- \_\_\_\_\_ 9. Sex cells contain only one chromosome from each matched pair.
- \_\_\_\_\_ 10. Meiosis can occur anywhere in the body.

Label the following diagram using these terms: spindle fiber, double-stranded chromosome, centromere, centriole.

