

**1.3 Assessment**

Match each term on the left with the best description on the right. Each description may be used only once.

Term	Description
1. ___ diploid	A. a sex cell
2. ___ gamete	B. union of the egg and sperm
3. ___ haploid	C. has a full set of chromosomes
4. ___ meiosis	D. process that produces haploid cells
5. ___ fertilization	E. has half the number of chromosomes

Circle the letter of the best answer for questions 6 to 20.

- What does the female parent contribute in sexual reproduction?
  - an egg
  - a sperm
  - a zygote
  - an ovary
- Where are sperm produced?
  - in the brain
  - in the uterus
  - in the testes
  - in the ovaries
- How are eggs and sperm similar?
  - They are diploid cells.
  - They are haploid cells.
  - They are produced by mitosis.
  - They are produced by fertilization.
- What is formed when a sperm fertilizes an egg?
  - a zygote
  - a gamete
  - a haploid cell
  - a homologous chromosome
- The Vancouver Island marmot has 40 chromosomes in its body cells. How many chromosomes would you expect a male marmot to have in its sperm cells?
  - 10 chromosomes
  - 20 chromosomes
  - 40 chromosomes
  - 80 chromosomes