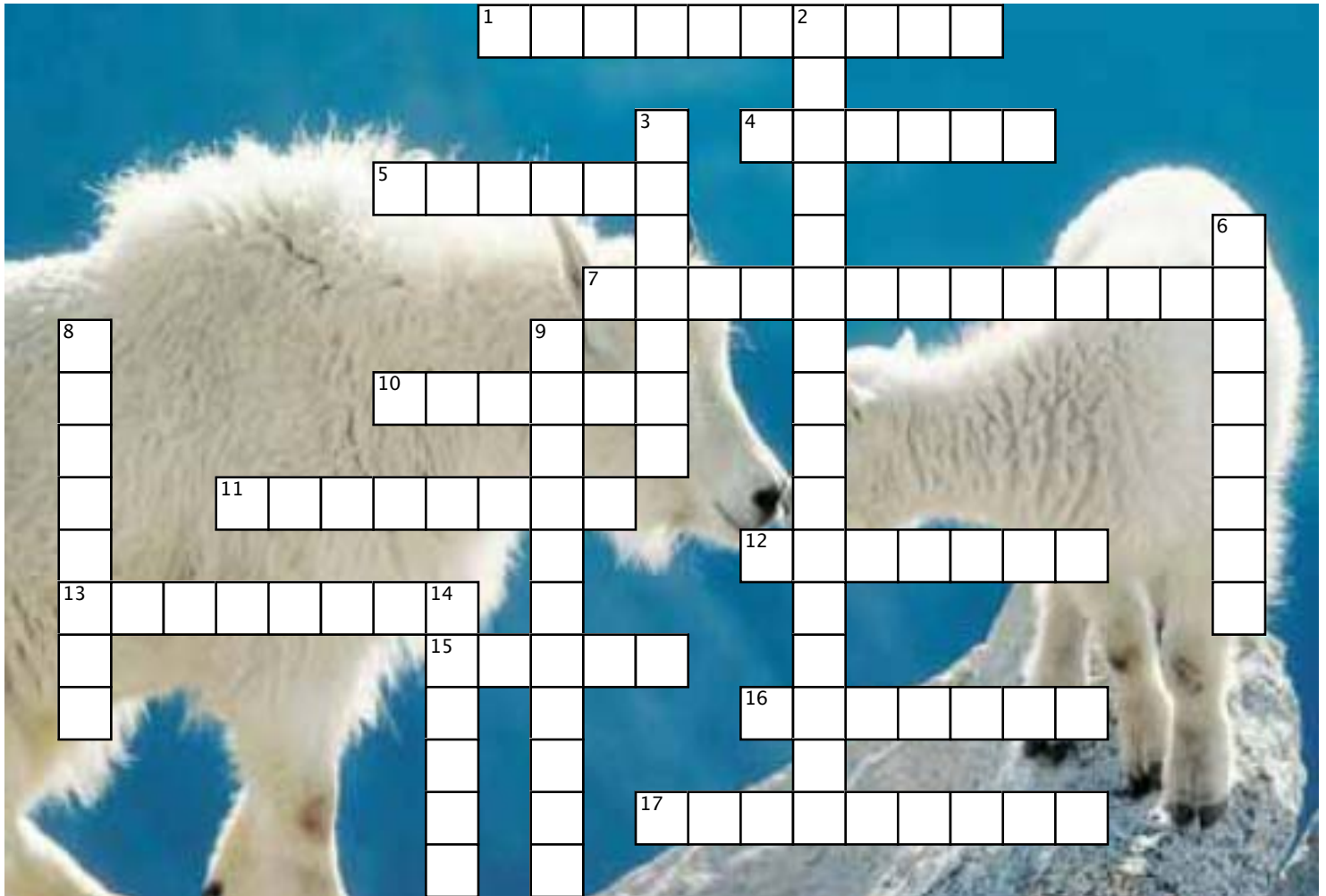


Sexual Reproduction



Across

1. A pair of matching chromosomes.
4. Where pollen is produced and stored.
5. Sticky "lip" of the flower pistil that captures pollen grains.
7. The process by which a sperm cell penetrates an egg cell.
10. Egg and sperm successfully join to produce this cell.
11. The "hollow ball of cells" in embryonic development.
12. This is the process by which eggs and sperm are made.
13. The outside layer of the gastrula.
15. Swollen base of the flower pistil that contains ovules.
16. A body cell that has two sets of chromosomes is referred to with this number.

Down

2. Variation, or inherited differences in a species.
3. Specialized cells necessary for sexual reproduction.
6. The layer of the gastrula that will develop into the digestive system.
8. The layer of the gastrula that develops into kidneys, muscles and reproductive organs.
9. In plants, internal fertilization is achieved by this process.
14. The solid ball of cells at a very early stage of embryonic development.

Across

17. Chromosomes carefully arranged in a photograph for the purposes diagnosing genetic disorders.