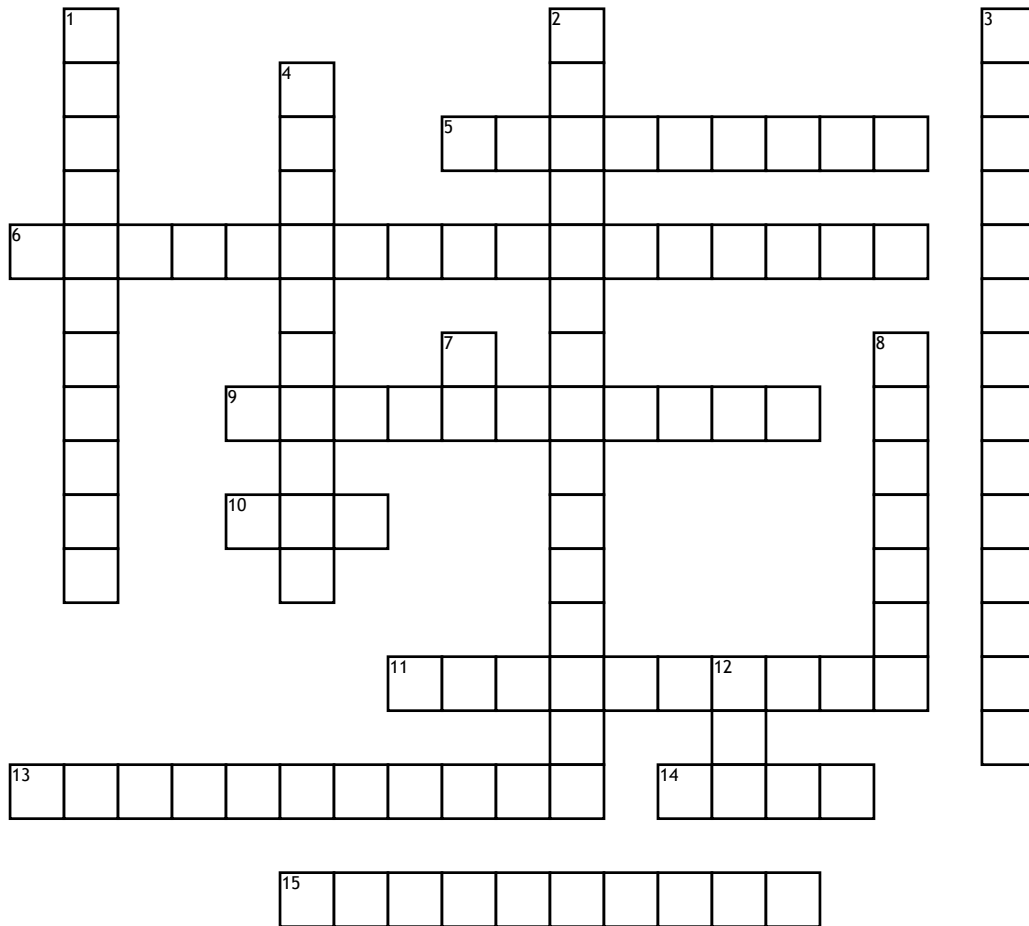


meiosis and mutations



Across

5. When does crossing over occur?
 6. How many Daughter cells do you end up with at the end of Meiosis 2?
 9. In Prophase 2 each cell is what?
 10. Is DNA copied before Meiosis I?
 11. What are duplicated (doubled) chromosomes called?

Word Bank

| | | | |
|-----------------|---------------------|--------------|--------------|
| metaphase2 | interphase | chromatids | gamete cells |
| diploid cell | four daughter cells | Prophase 1 | reduces |
| dna replication | no | two | four |
| Yes | two cell divisions | haploid cell | |

13. What type of cell undergoes meiosis?
 14. How many cells are formed at the end of Meiosis II?
 15. When does DNA replication take place?

Down

1. In Prophase 1 each cell is what?
 2. How many cell division are there in Meiosis?

3. Copying DNA is known as _____.
 4. When do chromosomes line up in a single file?
 7. Is DNA copied before Meiosis II?
 8. What happens to the chromosome number during meiosis?
 12. How many times do cells divide during meiosis?