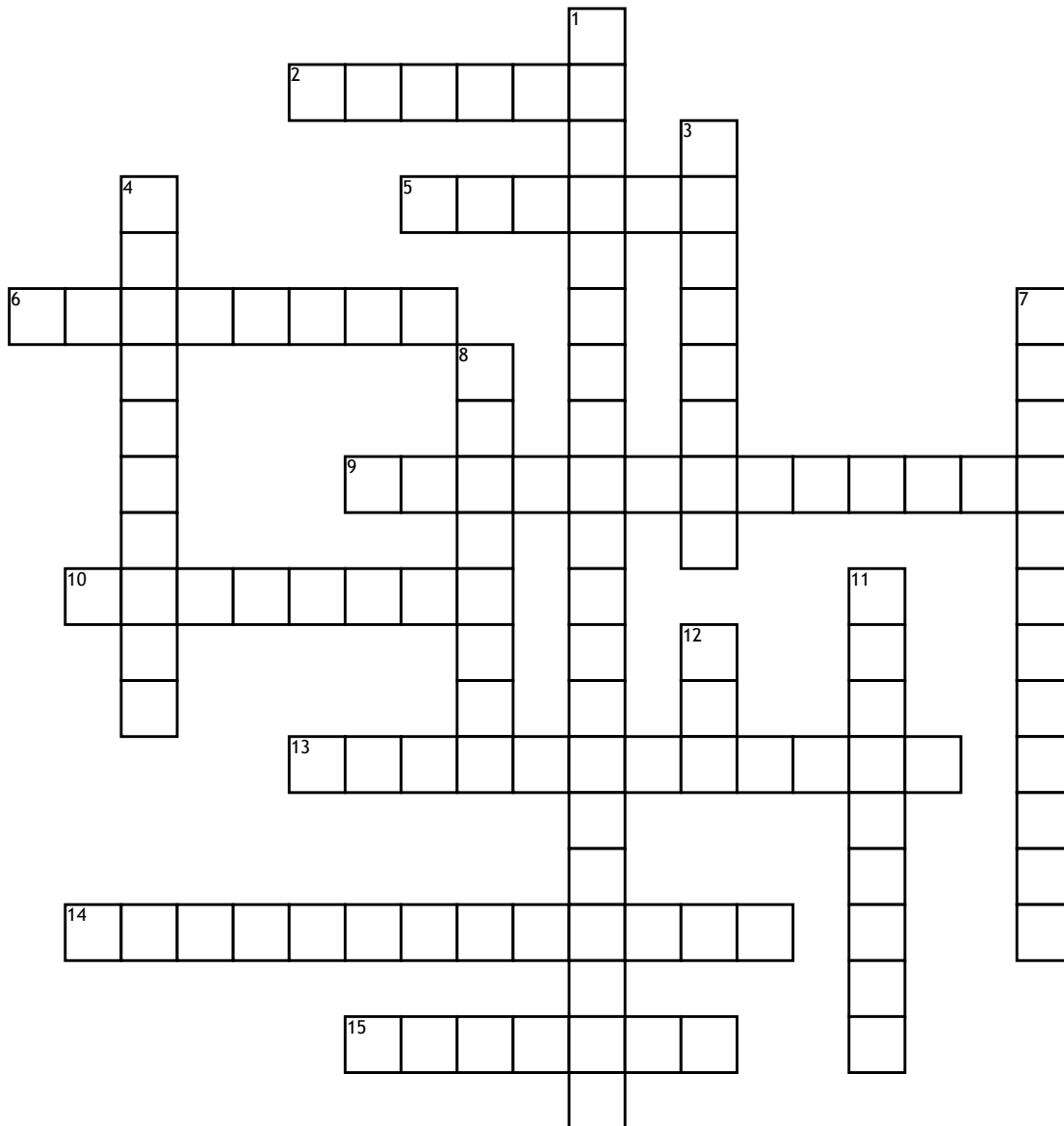


Name: _____

Date: _____

Growth and Hereditary



Across

2. alternative forms of a gene for each variation of a trait of an organism
 5. male and female sex cells, sperm and eggs
 6. Trait that dominates, covers up
 9. a diagram that is used to predict the genotypes of a particular cross or breeding experiment.
 10. observed trait of an organism that mask the recessive form of a trait

13. exchange of genetic material between non-sister chromatids from homologous chromosome during prophase I of meiosis; results in new allele combinations
 14. fusion of male and female gametes
 15. cell with two of each kind of chromosome; is said to contain a diploid, or $2n$, number of chromosomes

Down

1. major source of genetic variation among organisms caused by re-assortment or crossing over during meiosis

3. the passing of traits to offspring

4. Two similar alleles for a trait
 7. Two different alleles for a trait
 8. branch of biology that studies heredity
 11. The trait that seems to disappear, or is covered up
 12. haploid female sex cell produced by meiosis