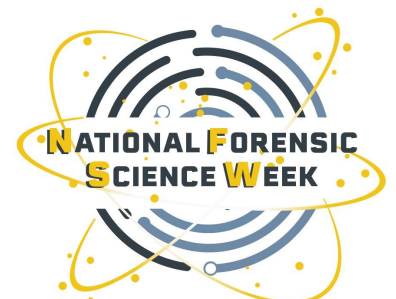
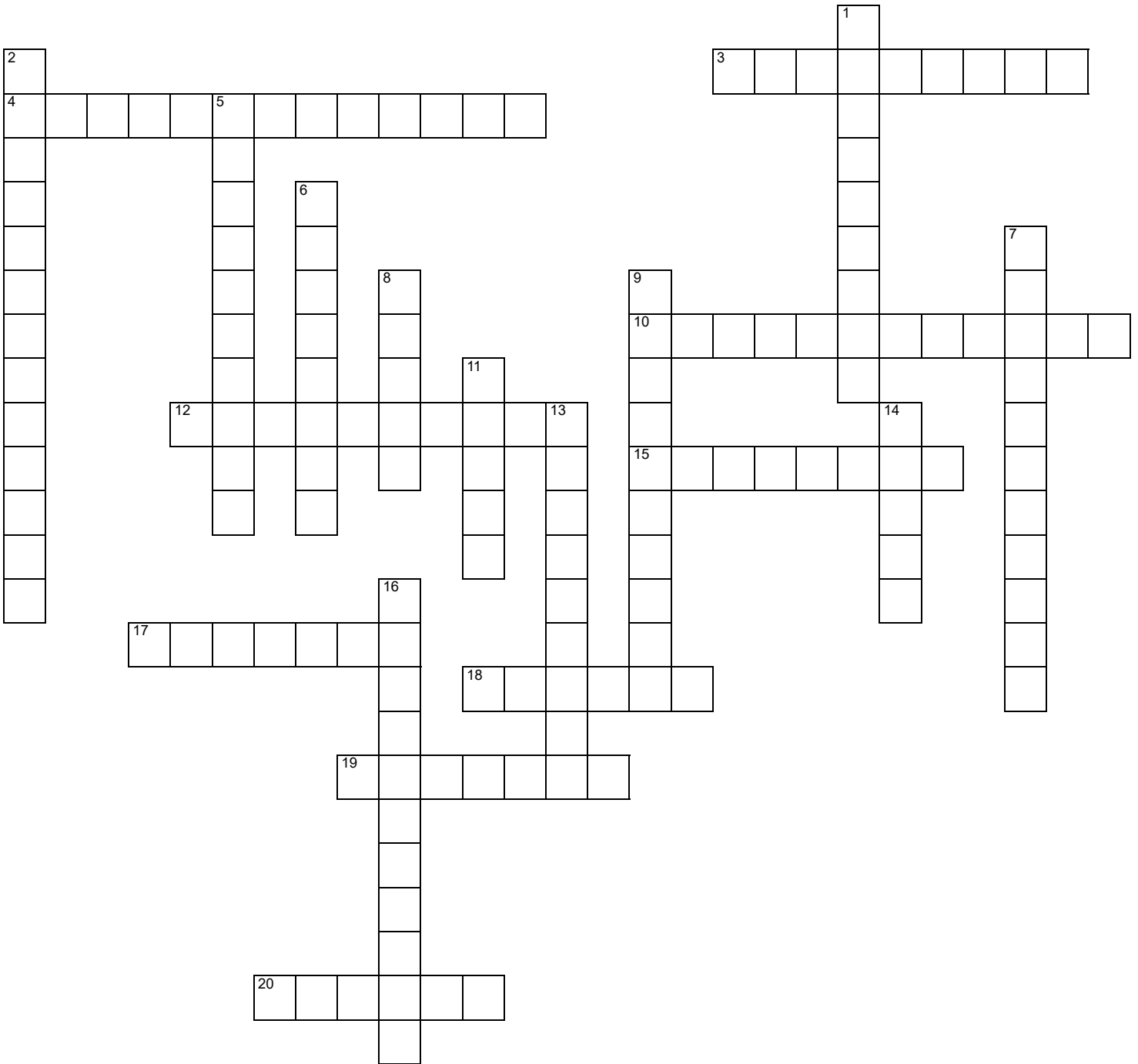


Test Your Knowledge: DNA Examination



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Across:

3. Detectable outward manifestations of genetic designation
4. DNA type, inherited through maternal ancestors
10. Individual with different alleles at one locus
12. _ Chain Reaction, process to copy specific regions of DNA
15. Damaged or changed DNA along the DNA strand
17. Sample that contains the DNA of more than one individual
18. DNA segment complementary to a sequence to initiate replication
19. Dissimilarity in the commonly occurring sequence of a gene
20. All genetic material of a particular organism

Down:

1. Substance that interferes with PCR
2. Producing multiple copies of a chosen DNA region
5. Individual with indistinguishable alleles at one locus
6. Genetic designation of two alleles at a particular locus
7. Chance of observing a particular future event
8. Cytosine, Guanine, Thymine, and Adenine
9. Biological structure by which hereditary information is transmitted
11. Two profiles have the same allele designation at every loci
13. DNA test result, individual is not the source of the DNA evidence
14. Collection of databases of DNA profiles from unsolved crime and known offenders
16. Fragmentation of DNA by chemical or physical means

