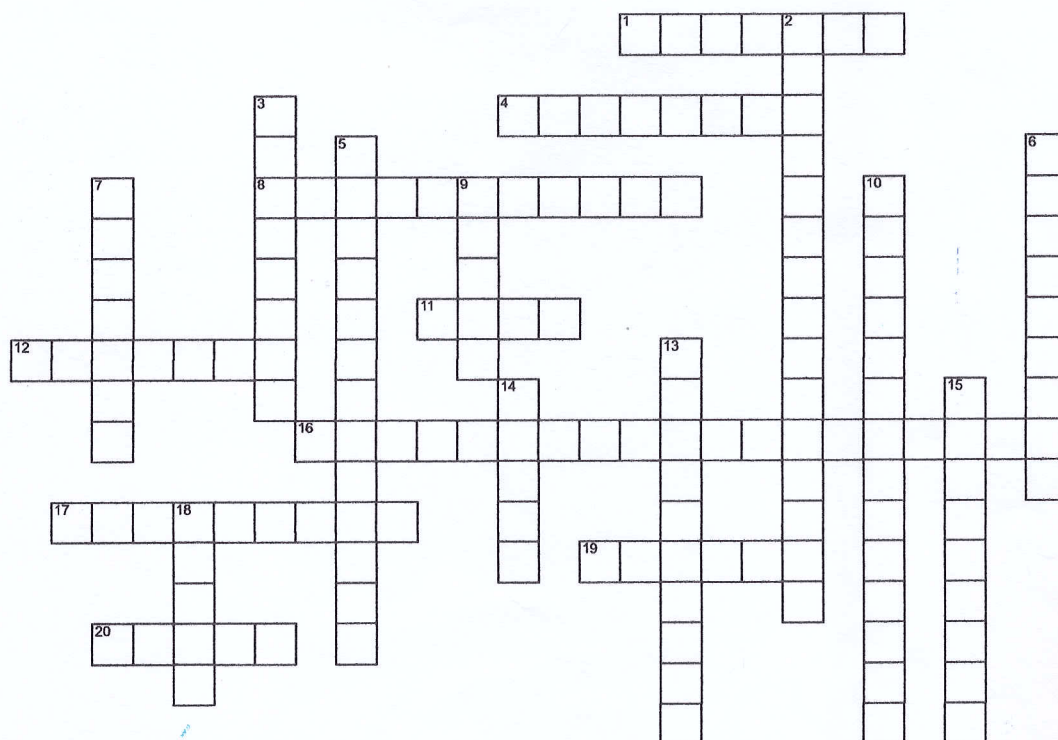


NUCLEOTIDES

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ACROSS

- 1 RNA is usually single-stranded, except for ... structured RNA.
- 4 ... RNA carries amino acids to the ribosomes.
- 8 Nucleotides of a DNA molecule contain a kind of sugar called ...
- 11 A nucleotide is composed of a sugar with ... carbon atoms.
- 12 Thymine is only paired with ...
- 16 The monomer unit that forms DNA molecules is called ...
- 17 The ... group is attached to the fifth (5') carbon atom of the sugar of each nucleotide.
- 19 Which nitrogenous base does not exist in DNA molecules?
- 20 DNA molecules consist of two strands twisted around each other to form a double ...

DOWN

- 2 Nitrogenous bases align ... to the axis of the DNA molecule.
- 3 The two strands of DNA are held together by ... bonds.
- 5 Cytosine is paired with guanine according to the ... base pairing rule.
- 6 ...RNA carries information from the nucleus to the ribosomes.
- 7 DNA is primarily found in the ... of eukaryotic cells.
- 9 On DNA molecules there is a specific ... of guanine to cytosine bases.
- 10 Two nucleotides are connected with a ... bond.
- 13 DNA passes genetic information on to the next ...
- 14 The structure of DNA was established by Watson and ...
- 15 rRNA is found in ...
- 18 sRNA stands for ... ribonucleic acid.