|  |
| --- |
|  |
| |  |  | | --- | --- | | **1** | What does DNA stand for? | |
| |  |  |  | | --- | --- | --- | |  | **2** | What does RNA stand for? | |
| |  |  |  | | --- | --- | --- | |  | **3** | What biomolecule do DNA and RNA belong too? | |
| |  |  |  | | --- | --- | --- | |  | **4** | What are the three parts of a nucleotide and what biomolecule is the nucleotide a base unit too? | |
| .   |  |  |  | | --- | --- | --- | |  | **5** | Why does DNA replicate? | |
| |  |  |  | | --- | --- | --- | |  | **6** | All cells in the body, except gametes, have the same DNA | |
| |  |  |  | | --- | --- | --- | |  | **7** | What is the difference between the nitrogen bases from DNA and RNA? | |
| |  |  |  | | --- | --- | --- | |  | **8** | How many strands does DNA have?  How many strands does RNA have? | |
| |  |  |  | | --- | --- | --- | |  | **9** | What is the complementary strand for this DNA strand | |
| |  |  |  | | --- | --- | --- | |  | **10** | From this DNA strand create the mRNA strand  A-T-T-C-G-A-A-T-T-C-G-A | |

11. What is important about the pairing of the nitrogen bases in DNA. What do they signify in building proteins?