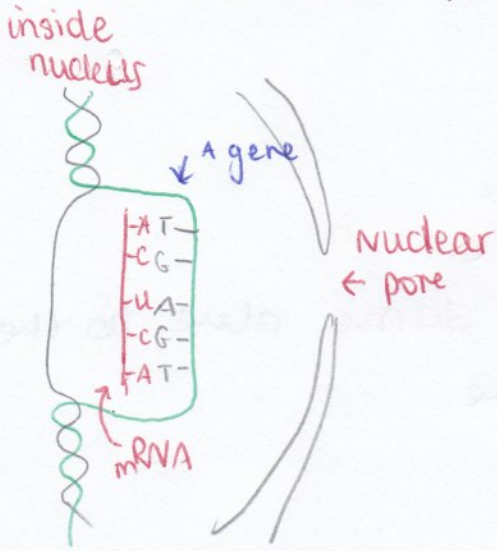


RNA

Key definition:

Gene = A section of DNA that codes for the production of a particular polypeptide

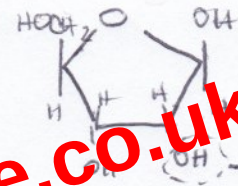


* only one gene at a time is copied

* only the molecule of RNA leaves the cell

RNA is different to DNA: (4 marks)

- ① contains ribose, not deoxyribose
- ② is single stranded
- ③ not a double helix
- ④ has nucleotides with base Uracil instead of Thymine
- ⑤ DNA is much longer than RNA



similar to DNA

- polynucleotides are joined together by phosphodiester bonds