

Skills Worksheet

Vocabulary Review

In the space provided, write the letter of the description that best matches the term or phrase.

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|--------------------------|---|
| _____ 1. DNA | a. represented by adenine and guanine |
| _____ 2. nucleotide | b. enzyme that separates the DNA helix by breaking the hydrogen bonds that link the nitrogenous bases |
| _____ 3. purines | c. instructions for inherited traits |
| _____ 4. genes | d. the process by which DNA is copied |
| _____ 5. pyrimidines | e. represented by thymine and cytosine |
| _____ 6. DNA helicase | f. consists of a phosphate, a five-carbon sugar, and a nitrogenous base |
| _____ 7. DNA polymerase | g. enzyme that adds nucleotides to exposed nitrogenous bases |
| _____ 8. DNA replication | h. name given for deoxyribonucleic acid |

Write the correct term from the list below in the space next to its definition.

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|-----------------|---------------|-------------|
| codon | RNA | translation |
| gene expression | transcription | |
- _____ 9. the process in which RNA is made from the information in DNA
- _____ 10. includes transcription and translation
- _____ 11. a three-nucleotide sequence that encodes an amino acid or a start/stop signal
- _____ 12. a type of nucleic acid that includes three major types
- _____ 13. a process that occurs at ribosomes where proteins are made from the information found in RNA