



Name _____ Class _____ Date _____

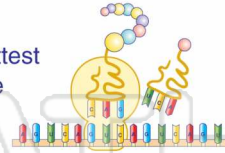
1 What type of molecule carries an amino acid during translation?

- A messenger RNA
- B DNA
- C transfer RNA
- D ribosome



2 The correspondence between a messenger RNA triplet sequence and a specific amino acid is called _____.

- A multiple alleles
- B survival of the fittest
- C the genetic code
- D a base mutation



3 A codon is a _____.

- A triplet code found on messenger RNA
- B triplet code found on transfer RNA
- C nucleotide found on DNA

4 During protein synthesis, the information on messenger RNA is translated to make a specific chain of amino acids.

True or False?



5



PREVIEW

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7

- mutation
- genetic code

- B. alternate forms of a gene
- C. a change in the DNA sequence

- respiration
- translation

- messenger RNA
- C. process of reading the messenger RNA code to make a protein

9

Match the term with the correct definition.

- nucleus
- cytoplasm
- ribosome
- mitochondrion

- A. organelle that is the site of DNA replication and transcription
- B. area outside of the nucleus where ribosomes are found
- C. organelle that helps make proteins by translating mRNA

10

Match the term with the correct definition.

- chromosome
- nucleotide
- DNA
- gene

- A. a specific sequence of DNA that codes for a protein
- B. composed of a sequence of nucleotides
- C. composed of very long, compacted strands of DNA



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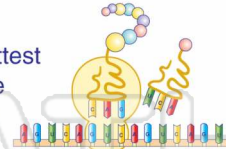
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True or False?



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