



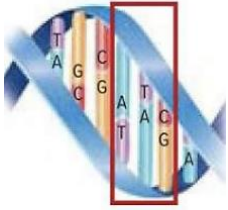
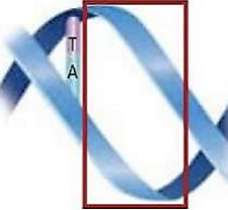
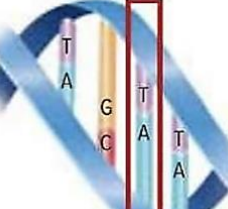
Name : _____

Science / Quiz 2

1	<p>Which pair of <u>nitrogenous bases</u> will form a bond in a DNA molecule?</p> <ul style="list-style-type: none">• thymine and cytosine• cytosine and adenine• guanine and thymine• adenine and thymine
2	<p>What three components make up a <u>nucleotide</u>?</p> <ul style="list-style-type: none">• an enzyme, a deoxyribose, and a nitrogenous base• a phosphate, a deoxyribose, and a nitrogenous base• a phosphate, an enzyme, and a nitrogenous base• a deoxyribose, a phosphate, and an enzyme
3	<p>The <u>process</u> by which DNA makes a copy of itself is called:</p> <ul style="list-style-type: none">• synthesis• replication• transcription• translation
4	<p>The <u>twisted</u> ladder shape of DNA is called a:</p> <ul style="list-style-type: none">• hydrogen twist• deoxyribose flip• double helix• double membrane
5	<p>Type of sugar found in RNA :</p> <ul style="list-style-type: none">• DNA• Deoxyribose• tRNA• ribose
6	<p><u>RNA</u> differs from <u>DNA</u> in that:</p> <ul style="list-style-type: none">• it has a different kind of sugar• it is single stranded• it has uracil• all of these

7 If a sequence of DNA codes **AAA TCG GGC GTA CCT** What will be the sequence of the corresponding mRNA?

8 **Write the name of the Mutation Type:**
 Deletion – Insertion- inversion – Substitution

9 Match each **Type of RNA** with its function :

tRNA		Carry amino acids to ribosome
mRNA		Bond amino acid to gather to make protein
rRNA		Transfer genetic code from DNA to ribosome in cytoplasm