

Lesson 1 DNA Name _____ DNA coded message

Directions: Decipher the Code message listed below to uncover the answers for each question. Place the answers where shown.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

- 2-1-19-5-19 The subunits that make up DNA are called these
a. What am I? _____
- 8-5-12-9-3-1-19-5 The enzyme that separates DNA by breaking the hydrogen bonds that link the nitrogenous bases is the
What am I? _____
- 13-9-19-13-1-20-3-8-5-4 Proofreading is the process by which DNA polymerase is able to correct nucleotides that are what?
What am I? _____
- 4-15-21-2-12-5 8-5-12-9-24 Watson and Crick found that DNA molecules have the shape of this
What am I? _____
- 18-5-16-12-9-3-1-20-9-15-14 This is the process by which DNA is copied
What am I? _____
- 3-15-13-16-12-9-13-5-14-20-1-18-25 The relationship of the base-pairs making up the DNA strands is called this because they fit like puzzle pieces.
What am I? _____
- 9-14-20-18-15-14 A long segment of DNA that has no coding information is this.
What am I? _____
- 3-15-4-15-14 This is a three-nucleotide sequence that specifies an amino acid or “start” or “stop” signal
What am I? _____
- 14-21-3-12-5-15-20-9-4-5 The name for a DNA subunit is called this
What am I? _____
- 20-18-1 14-19-12-1-20-9-15-14 This is the process that puts together the amino acids that make up a protein.
What am I? _____