

**Lesson 3 Mitosis Name \_\_\_\_\_ Mitosis 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

- 4-14-1 This stores hereditary information in a cell.  
a. Who am I? \_\_\_\_\_
- 3-8-18-15-13-15-19-15-13-5 In both prokaryotes and eukaryotes, DNA is packed and organized into structures called this.  
What am I? \_\_\_\_\_
- 4-9-22-9-4-5-19 During cytokinesis, a cell's cytoplasm does this.  
What am I? \_\_\_\_\_
- 3-8-18-15-13-1-20-9-4-19 These are strands of copied genetic material.  
What am I? \_\_\_\_\_
- 7-5-14-5-19 The units of heredity that each code for a protein and RNA are called this  
What am I? \_\_\_\_\_
- 13-9-20-15-19-9-19 During this stage of mitosis, the nucleus of a cell doubles.  
What am I? \_\_\_\_\_
- 9-14-20-5-18-16-8-1-19-5 This is the longest phase of the cell life cycle  
What am I? \_\_\_\_\_
- 3-1-14-3-5-18 This is a group of diseases in which cell growth is rapid and uncontrolled.  
What am I? \_\_\_\_\_
- 16-18-15-16-8-1-19-5 This is the first stage in mitosis.  
What am I? \_\_\_\_\_
- 9-14-20-5-18-16-8-1-19-5 Altogether, the time spent in G1, S, and G2 is called this.  
What am I? \_\_\_\_\_