

Lesson 2 Meiosis and Sexual Reproduction Name _____

Meiosis and Sexual Reproduction 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

- 15-22-1-18-25 Oogenesis makes only one functional egg this
a. Who am I? _____
- 13-5-9-15-19-9-19 This process halves the number of chromosomes and forms haploid cells from diploid cells.
What am I? _____
- 8-1-16-12-15-9-4 Gametes are this. Meaning they have half the number of chromosomes of somatic cells.
What am I? _____
- 19-5-24 3-8-18-15-13-15-19-15-13-5 These chromosomes determine the sex of an individual.
What am I? _____
- 13-5-20-1-16-8-1-19-5 15-14-5 Chromosomes line up at the cell's equator (center) and are attached at their centromeres to spindle fibers during this stage.
What am I? _____
- 1-14-1-16-1-19-5 15-14-5 Homologous chromosomes move to opposite poles of the cell during this stage.
What am I? _____
- 6-15-21-18 During meiosis, two divisions create how many haploid cells?
What am I? _____
- 19-16-15-18-5 This is a haploid plant reproductive cell made by meiosis.
Who am I? _____
- 6-5-18-20-9-12-9-26-1-20-9-15-14 This process in most animals makes diploid zygotes.
What am I? _____
- 1-19-5-24-21-1-12 The kind of reproduction in which a single parent passes copies of all its genes to its offspring is _____ reproduction.
What am I? _____