

Lesson 4 Mendel and Heredity Name _____ Mendel and Heredity 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

1. 16-15-12-25-7-5-14-9-3 3-8-1-18-1-3-20-5-18 A character controlled by several genes.
 - a. Who am I? _____
2. 24-3-8-18-15-13-15-19-15-13-5 Carries most sex-linked genes.

Who am I? _____
3. 6-15-14-5 When two members of the P generation are crossed, the offspring are referred to as the this generation.

Who am I? _____
4. 1-12-12-5-12-5-19 Different forms of a particular character are called this

Who am I? _____
5. 16-18-15-2-1-2-9-12-9-20-25 The likelihood that a specific event will happen is

What am I? _____
6. 4-15-13-9-14-1-14-20 When two different alleles occur together, the one that is expressed is the

What am I? _____
7. 8-15-13-15-26-25-7-15-21-19 An organism that has inherited two of the same alleles of a gene from its parents is

What am I? _____
8. 8-15-13-15-26-25-7-15-21-19 This type of individual has two of the same alleles for a particular gene.

Who am I? _____
9. 18-5-3-5-19-19-9-22-5 In order for a child to inherit this type of trait,, both parents must be carriers of the recessive gene.

Who am I? _____
10. 16- 5-1 16-12-1-14-20 What experiment from Gregor Mendel was very important in establishing some basic patterns of inheritance.

Who am I? _____