Science In Action 9 - Numerical Response Questions - Biological Diversity

- Interdependence of species within the environment is necessary for survival. Symbiosis is an association between members of different species.
 - 1- one organism benefits the other doesn't
 - 2- one organism benefits, the other is harmed
 - 3- one organism appears to be like another organism
 - 4- both organisms benefit

1	4	2	3
commensalism	mutualism	parasitism	mimicry

3. Organisms of the same species have the same number of chromosomes. What is the number of chromosomes that all humans have?

Hint: The number of chromosomes represents a complete set.

1	4	2	3
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

6

0

1 1 1

2 2 2 2

3 3 3 3

5 5 5 5

7

8 8 8 9 9 9

0 0

4 4

6 6

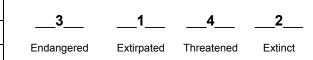
7 7

- 2. Match the type of Asexual Reproduction described below.
 - 1- the parent produces a smaller version of itself
 - 2- the parent cell splits in two
 - 3- reproduction not involving seeds
 - 4- reproduction similar to seeds, but produced by the division of cells

3	4	2	1
Vegetative	Spore	Binary	Budding
reproduction	production	fission	

- 4. The reduction of diversity has resulted in species being listed on Protection Lists.

 Match the treat to the term it describes.
 - 1- none in a local area
 - 2- none in the world
 - 3- very few left in the world
 - 4- numbers are being reduced



3	4	2	1
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

3	1	4	2
	•		
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9