Name: Bell Ringer Date:

1. Put these in order from biggest taxonomic category to smallest.

 Species Domain Class Order Kingdom Phylum Family Genus

1. What is the name of Bird Z?



1. Identify the Domain and Kingdom each of the following belong to:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Organism A** | **Organism B** | **Organism C** | **Organism D** |
| **Has nucleus** | Yes | Yes | No | Yes |
| **Has chloroplasts** | No | Yes | No | No |
| **Has cell wall** | No | Yes (made of cellulose) | Yes (made of peptidoglycan) | Yes (made of chitin) |
| **Number of cells** | Multicellular | Multicellular | Unicellular | Most multicellular, some unicellular |
| **Mode of nutrition** | Heterotrophic | Autotrophic | Autotrophic or Heterotrophic | Heterotrophic |

Organism A belongs to Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and Kingdom \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Organism B belongs to Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and Kingdom \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Organism C belongs to Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and Kingdom \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Organism D belongs to Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and Kingdom \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. The fact that you need oxygen to survive makes you an **obligate anaerobe** or an **aerobe**?
	1. In trying to classify a newly discovered organism, the following characteristics were noted: multicellular, specialized tissues and organs, chlorophyll-containing structures and cell walls. Into which kingdom should this organism be placed?
		1. Fungi
		2. Protista
		3. Eubacteria
		4. Plant
	2. Animalia, Fungi, Protista, and Plantae are the
		* 1. scientific names of different organism
			2. names of kingdoms of organisms
			3. levels of classification
			4. names of scientists
	3. Which of the following statements is true of dichotomous keys?
		* 1. They identify organisms by separating them into kingdoms.
			2. The identify organism by comparing ancestors.
			3. They identify organisms through analyzing scientific names.
			4. They identify organisms based on descriptive statements.