Amoeba Sisters Video Recap: *Prokaryotes and Eukaryotes*

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| 1. The beginning of the video clip discusses potential challenges of a fungal infection and how **antibiotics** only work on **prokaryote** cells. Label the following with a P (prokaryote) or E (eukaryote). Animal Cell Plant Cell Bacterial Cell Fungus Cell | 2. What is the below statement referring to? This might be helpful when remembering **eukaryotes**!  |
| 3. What is the below statement referring to? This might be helpful when remembering **prokaryotes**! | 4. What is an **organelle**? Give two examples of**organelles** that can be found within a cell. |

**9**

Has a cell membrane

Includes bacteria

**10**

Now it’s time to match the fact with the right type of cell! Draw a line from each diamond to either the prokaryotic cell, the eukaryotic cell, or the “both” bubble (if it applies to both).

**5**

Has a Nucleus

**6**

Has membrane-bound organelles

**7**

Has DNA

**8**

Has ribosomes

**APPLIES TO**

**BOTH**

Antibiotics are effective on this cell type

**11**