### Amoeba Sisters Video Recap: *Prokaryotes and Eukaryotes*

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.
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
9. Has a cell membrane
10. Includes bacteria
11. Antibiotics are effective on this cell type