### Unit Review

Fill in the blank with the word that best fits.

<table>
<thead>
<tr>
<th>cell wall</th>
<th>chlorophyll</th>
<th>ER</th>
<th>eukaryotic</th>
<th>flagella</th>
<th>Golgi body</th>
<th>lysosome</th>
<th>mitochondria</th>
<th>nucleus</th>
<th>prokaryotic</th>
<th>vacuole</th>
</tr>
</thead>
</table>

1. **turns nutrients into energy**
   - **mitochondria**

2. **single-celled organisms**
   - **prokaryotic**

3. **whip-like tail to help with movement**
   - **flagella**

4. **surrounds and protects some cells**
   - **cell wall**

5. **contains the DNA**
   - **nucleus**

6. **uses sunlight to make food**
   - **chlorophyll**

7. **more complex cells**
   - **eukaryotic**

8. **bundles proteins**
   - **ER**

9. **gets rid of waste**
   - **lysosome**

10. **sends protein messages to organelles**
    - **Golgi body**

11. **stores extra water and nutrients**
    - **vacuole**
Unit Review

Answer the following questions about the unit. Fill in the bubble next to the correct answer.

Which of these represents the boss and office of a cell?
- DNA and nucleus
- ER and ribosomes
- Golgi body and lysosome

Which of the following is true?
- prokaryotic cells are found in plants
- eukaryotic cells have organelles
- prokaryotic and eukaryotic cells have chlorophyll

Which of these surrounds an animal cell?
- flagella
- cell membrane
- cell wall

Which of these surrounds a plant cell?
- flagella
- cell membrane
- cell wall

The gel-like substance that fills a cell is known as what?
- membrane
- mucus
- cytoplasm
- chloroplast
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- single-celled organisms: **prokaryotic**
- whip-like tail to help with movement: **flagella**
- surrounds and protects some cells: **cell wall**
- contains the DNA: **nucleus**
- uses sunlight to make food: **chlorophyll**
- more complex cells: **eukaryotic**
- bundles proteins: **Golgi body**
- gets rid of waste: **lysosome**
- sends protein messages to organelles: **ER**
- stores extra water and nutrients: **vacuole**
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