***Photosynthesis vs. Cellular Respiration: Graphic Organizer***

1. Complete the table below with the correct information about photosynthesis and cellular respiration.

|  |  |  |
| --- | --- | --- |
| ***Photosynthesis*** |  | ***Cellular Respiration*** |
|  | **Purpose** |  |
|  | **Location in the Cell** |  |
|  | **Chemical Equation** |  |
|  | **Reactants** |  |
|  | **Products** |  |
|  | **Energy Transformation** **(? energy 🡪 ? energy)** |  |

1. How are the equations for photosynthesis and cellular respiration different?
2. How do humans and plants depend on each other? (Think about what we need from plants and why and what plants need from us and why)

|  |  |
| --- | --- |
| **What do humans need from plants and why do they need it?** |  |
| **What do plants need from humans and why do they need it?** |  |

1. Draw a picture to show how humans and plants depend on each other.