Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table Partner:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**VIRTUAL ELODEA LAB DATA**

|  |  |  |  |
| --- | --- | --- | --- |
| **Rate of Photosynthesis** | Distance # 1 **\_\_\_\_\_CM** | Distance #2 **\_\_\_\_\_CM** | Distance # 3 **\_\_\_\_\_CM** |
| Trial 1 **Bubbles/Min** |  |  |  |
| Trial 2 **Bubbles/Min** |  |  |  |
| Trial 3 **Bubbles/Min** |  |  |  |
| **Average**  (Add them up & divide by 3) |  |  |  |
| **Rank Highest-Lowest** |  |  |  |

**High/Low Quantitative Data: (First piece of evidence)**

Which has the ***highest*** rate of photosynthesis? Distance #\_\_\_\_\_\_\_\_With\_\_\_\_\_\_\_\_\_\_Bubbles/Min

Which has the ***lowest*** rate of photosynthesis? Distance #\_\_\_\_\_\_\_\_With \_\_\_\_\_\_\_\_\_\_Bubbles/Min

**Mathematical Difference: (Reasoning for the first piece of evidence)**

*Subtract the lowest from the highest and record the number:*

Distance #\_\_\_\_\_\_\_ is higher by an average of \_\_\_\_\_\_\_ CMs

This is… (Circle one only) A significant difference Not a significant difference

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table Partner:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**VIRTUAL ELODEA LAB DATA**

|  |  |  |  |
| --- | --- | --- | --- |
| **Rate of Photosynthesis** | Distance # 1 **\_\_\_\_\_CM** | Distance #2 **\_\_\_\_\_CM** | Distance # 3 **\_\_\_\_\_CM** |
| Trial 1 **Bubbles/Min** |  |  |  |
| Trial 2 **Bubbles/Min** |  |  |  |
| Trial 3 **Bubbles/Min** |  |  |  |
| **Average**  (Add them up & divide by 3) |  |  |  |
| **Rank Highest-Lowest** |  |  |  |

**High/Low Quantitative Data: (First piece of evidence)**

Which has the ***highest*** rate of photosynthesis? Distance #\_\_\_\_\_\_\_\_With\_\_\_\_\_\_\_\_\_\_Bubbles/Min

Which has the ***lowest*** rate of photosynthesis? Distance #\_\_\_\_\_\_\_\_With \_\_\_\_\_\_\_\_\_\_Bubbles/Min

**Mathematical Difference: (Reasoning for the first piece of evidence)**

*Subtract the lowest from the highest and record the number:*

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This is… (Circle one only) A significant difference Not a significant difference