Name:

Objective: To use your knowledge of Irrigation techniques to answer problems found on farms.

# Irrigation systems.

Task 1.

For each of the examples below, use your notes and your groups ideas to -

# Border dyke

|  |
| --- |
| Describe one advantage of this system |
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|  |
|  |
| Describe one disadvantage of this system |
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|  |
|  |

**Rain Gun**

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| --- |
| Describe one advantage of this system |
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|  |
|  |
| Describe one disadvantage of this system |
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|  |
|  |

**Pipe and Sprinkler**

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| --- |
| Describe one advantage of this system |
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|  |
|  |
| Describe one disadvantage of this system |
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**Center Pivot**

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| --- |
| Describe one advantage of this system |
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|  |
|  |
| Describe one disadvantage of this system |
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|  |

**Flat with a clay loam soil**



|  |
| --- |
| Name which system you would use on this farm = . |
| Explain why this is the best system. |
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|  |

# Flat with a sandy loam soil

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| --- |
| Name which system you would use on this farm = . |
| Explain why this is the best system. |
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|  |

**Flat but growing tulips.**

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| --- |
| Name which system you would use on this farm = . |
| Explain why this is the best system. |
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| --- |
| Lastly, collect your soil analysis sheet. With your knowledge of the soil and where it came from, choose the **best system to irrigate** |
| this soil, assuming that it will **dry out** in summer. **Explain** why you think this choice is the best. |
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