Honors Biology Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
NDHS Per: \_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
**Respiration Boot Camp Review**

**Equation:**

**When (Rxn):**

**Where:**

**Equation:**

**When (Rxn):**

**Where:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Equation:**

**When (Rxn):**

**Where:**

**ENERGY YIELD:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**ENERGY YIELD:**

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**ENERGY YIELD:**

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**Structure of Mitochondria:** Draw and label and indicate where reactants/products and reactions of cellular respiration occur

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Structure of Mitochondria:** Draw and label and indicate where reactants/products and reactions of cellular respiration occur

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**Structure of Mitochondria:** Draw and label and indicate where reactants/products and reactions of cellular respiration occur

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**Glycolysis:  
 Reactants Products**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Glycolysis:  
 Reactants Products**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Glycolysis:  
 Reactants Products**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Krebs Cycle**

**Reactants Products**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Krebs Cycle**

**Reactants Products**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Krebs Cycle**

**Reactants Products**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Oxidative Phosphorylation**

**Reactants Products**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Oxidative Phosphorylation**

**Reactants Products**

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**Oxidative Phosphorylation**

**Reactants Products**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Oxidative Phosphorylation:** Draw and Explain

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**Oxidative Phosphorylation:** Draw and Explain

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Heart Structure**: Draw and label with arrows show path of oxygen rich and poor blood

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**Heart Structure**: Draw and label with arrows show path of oxygen rich and poor blood

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**Anaerobic Respiration:**

|  |  |  |
| --- | --- | --- |
| **Type** | **Location**  **(Type of Cell)** | **Products** |
|  |  |  |
|  |  |  |

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**Anaerobic Respiration:**

|  |  |  |
| --- | --- | --- |
| **Type** | **Location**  **(Type of Cell)** | **Products** |
|  |  |  |
|  |  |  |

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**Anaerobic Respiration:**

|  |  |  |
| --- | --- | --- |
| **Type** | **Location**  **(Type of Cell)** | **Products** |
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