**Feedback Loops**

Directions:***Diagram*** *and* ***provide a short explanation*** *of how each of the following are examples of feedback.*

**Positive Feedback Loops**

|  |  |
| --- | --- |
| **1) A Savings Account:** Savings + Interest |  |
| **2) A Shouting Match:** Shouting + Anger |  |
| **3) Exponential Growth:** Rabbits + Births |  |
| **4) Albedo Effect:** Snow Melt + Surface Temperature |  |
| **5) Epidemic:** Number Infected + New Infections  |  |

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**Resources Population**

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**More More**

**Births Population**

+

**Negative Feedback Loops**

|  |  |
| --- | --- |
| **1) Body Temperature:** Desired Body Temperature + Heat Production by Body |  |
| **2) Population Density:** plants + sunlight |  |
| **3) Population Stability:**  number of wolves + number of rabbits |  |
| **4) Atmospheric temperature:** temperature and windblown dust |  |

**(complete the following statement)**

Based on the examples of negative feedback above, it seems like the purpose of a negative feedback mechanism is to