**Directions:**

* **Copy the picture and key. MUST COLOR.**
* **Copy the sentences.**
* **Analyze the picture and fill in the blanks.**

Range of Tolerance: An organism’s ability to survive environmental change.



Beta Fish

Range of Tolerance Graph



 50° F 55°F 65°F 80°F 85°F 90°F

1. Give examples of environmental factors (must be non-living) affecting a marine organism:
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
1. The graph shows an example of a \_\_\_\_\_\_\_\_\_\_\_ range of tolerance to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. A beta thrives in this temp range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. A beta’s body becomes stressed when temps lower to \_\_\_\_\_\_\_\_\_\_\_\_ and exceed \_\_\_\_\_\_\_\_\_\_\_.
4. Most betas will die in temps lower than \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and exceeding \_\_\_\_\_\_\_\_\_\_\_\_.