**Kingdom Animalia Name: .**

**Block: .**

1. What makes an animal an animal?
2. State the levels of organization of living things.
   1. Which level of organization is the heart?
   2. Which level of organization is the nervous system?
3. **Compare** and **contrast** the anatomy of the following:
   1. Polar bear and Grizzly bear

|  |  |  |
| --- | --- | --- |
|  | Compare (similarities) | Contrast (differences) |
| Polar bear |  |  |
| Grizzly bear |  |  |

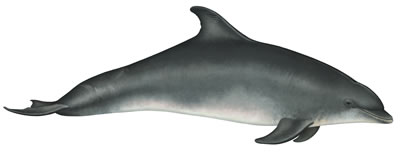
* 1. Bat starfish and feather starfish

|  |  |  |
| --- | --- | --- |
|  | Compare (similarities) | Contrast (differences) |
| Bat starfishMacintosh HD:Users:moein:Desktop:images.jpeg |  |  |
| Feather starfishMacintosh HD:Users:moein:Desktop:image.php.jpeg |  |  |

1. Describe the structure and function of the following:

|  |  |  |
| --- | --- | --- |
|  | Structure (what it looks like/made up of) | Function (What does it do, how is its structure related to its function) |
| Moose’s Horn |  |  |
| Dog’s Canine teeth |  |  |
| Human hands |  |  |

1. What is the difference between an endoskeleton and exoskeleton?
2. Define the following:
   1. Herbivore:
   2. Carnivore:
   3. Omnivore:
   4. Sessile:
   5. Motile:
   6. Diffusion:
   7. Respiration:
3. Determine what kind of symmetry the following have.
   1. Lion
   2. Starfish
   3. Tree
   4. Sea sponge
   5. Pizza
   6. Centepede
4. Label the following organism with all the anatomical positioning words.



1. State the stages of life of an organism from the time of fertilization to its birth. (memorize which is which)
2. What are the 3 cell layers?
   1. Which layer is your skin?
   2. Which layer is your gut lining?
   3. Which layer is your bicep?
3. What are the three body types in terms of coeloms?