

## Kingdom Animalia

### Characteristics of Kingdom Animalia

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### Classification of Animals

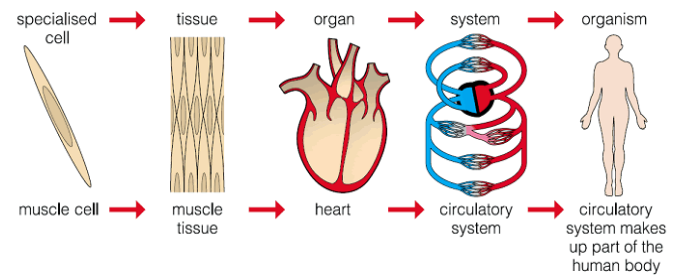
- Organisms are grouped into \_\_\_\_\_ on the basis of \_\_\_\_\_
- \_\_\_\_\_ are evident as animals developed more complexity

#### Characteristics for Classification:

##### 1. Tissue Organization

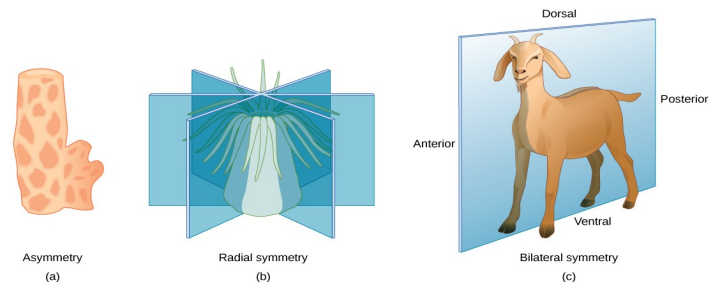
- Tissue:

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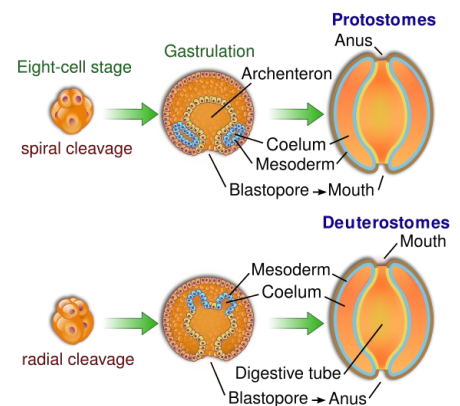
##### 2. Symmetry

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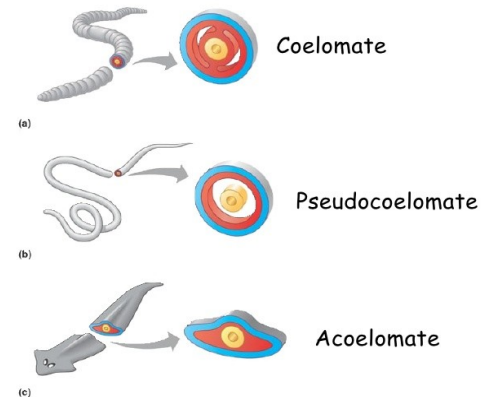
##### 3. Gastrulation

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#### 4. Body Cavity

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| Term        | Definition                                       | Example                                |
|-------------|--------------------------------------------------|----------------------------------------|
| Superior    | Higher                                           | The knee is superior to the foot       |
| Inferior    | Lower                                            | The foot is inferior to the knee       |
| Cephalic    | Head                                             | The neck is cephalic to the breastbone |
| Caudal      | Tail                                             | The breastbone is caudal to the neck   |
| Medial      | Towards the midline of the body                  | The nose is medial to the ears         |
| Lateral     | The sides/away from the midline                  | The ears are lateral to the nose       |
| Anterior    | Front                                            | The navel is anterior to the spine     |
| Posterior   | Back                                             | The spine is posterior to the navel    |
| Ventral     | Belly                                            | The navel is ventral to the spine      |
| Dorsal      | Back                                             | The spine is dorsal to the navel       |
| Proximal    | Closer to the point of attachment to the body    | The shoulder is proximal to the elbow  |
| Distal      | Farther from the point of attachment to the body | The elbow is distal to the shoulder    |
| Superficial | Close to the surface                             | The skin is superficial to the bone    |
| Deep        | Further within the body                          | The bone is deep to the skin           |