

## Chapter 34 Introduction to Animals

### 34.3 Animals:

eukaryotic      heterotrophs      multicellular      lack cell walls.

#### Functions:

Feeding:

herbivores- eat plants

carnivores- eat animals (or part of)

Omnivores- eats plants and animals

Respiration

Internal transport – circulatory system

Excretion

Response to environment

Movement

Reproduction –

live

eggs –some develop into larva, may undergo metamorphosis

Hermaphrodite – organism produces male and female gametes

## 34.2 Animal bodies:

### Symmetry

**bilateral**

Cut in 2 equal halves, down midline

**radial**

Cut in any direction, longitudinally

**asymmetric**

Can NOT cut in two equal halves

front

**anterior**

back, end

**posterior**

upper side

**dorsal**

under side

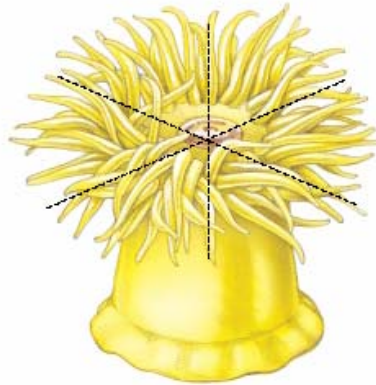
**ventral**

head

**cephalic**



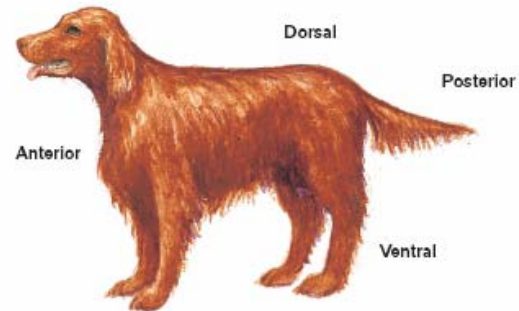
# Symmetry



**Radial symmetry**



**Bilateral symmetry**



Holt material copyrighted under notice appearing earlier in this work.

