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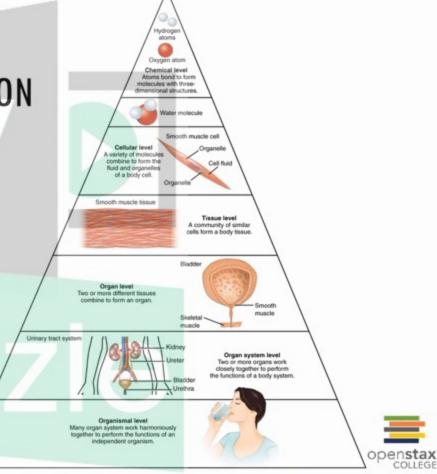
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LEVELS OF ORGANIZATION

The apparent complexity represents multiple levels of organization. Each level is more complex than the underlying one, but all can be broken down into similar chemical and cellular components.





ORGAN SYSTEMS OF THE BODY

 Be sure you can identify the major organs of each of the 11 organ systems.

 Be sure you can identify the major functions of systems.



REQUIREMENTS FOR HUMAN LIFE

- Oxygen
- ➤ Nutrients
- ➤Narrow Range of Temperatures
- ➤ Atmospheric Pressure

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ANATOMICAL TERMS

- Anatomy uses a special language that must be learned at the start
- Latin/Greek origins
- Named after discovered

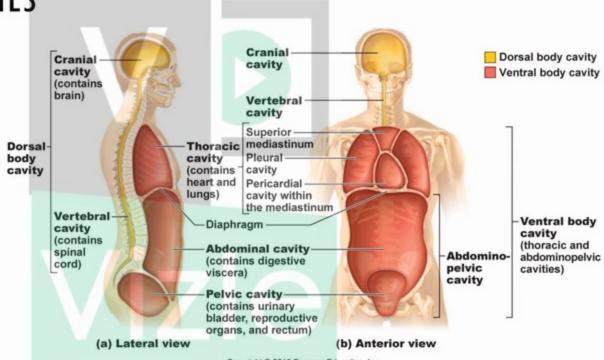
Eponym	Equivalent Term
Achilles tendon	Calcaneal tendon
Broca's area	Speech center
Eustachian tube	Auditory tube
Krebs cycle	Citric acid cycle



BODY CAVITIES

Two essential functions:

- 1. protect organs from shocks and impacts
- 2. permit changes in size and shape of organs



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