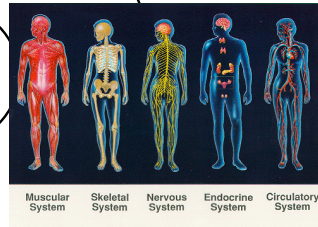


## Chap 13 Sec 1

group of organs that work together

organ  
system

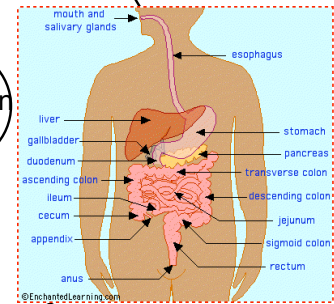
human body  
has 11 systems



## Chap 13 Sec 1

the break down of food  
into small molecules  
the body can use

(digestion)



## Chap 13 Sec 1

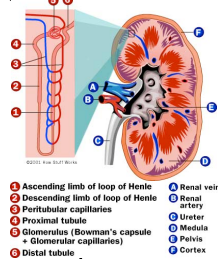
found in kidneys

about 1 million in each kidney

act like  
tiny filters

(nephron)

- filter waste and materials from blood

~~d empties to bladder~~

## Chap 13 Sec 1

disease causing bacteria

disease causing  
viruses

common cold

salmonella

(pathogen)



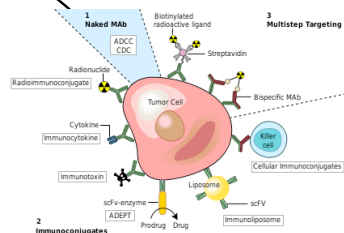
## Chap 13 Sec 1

protiens

help destroy  
pathogens

(antibody

attach to pathogen to identify it  
then destroyed by white blood  
cells (WBC).



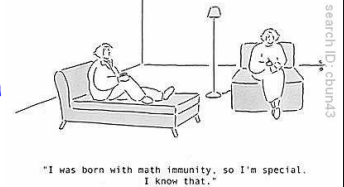
## Chap 13 Sec 1

the ability to destroy a pathogen  
before it causes disease

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(immunity)

when you win a game on Survivor ;-)

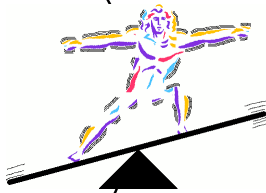


requires all of the bodies systems

tendency to  
keep internal  
balance (homeostasis)

(homeostasis)

keeps all functions stable



heart beats more rapidly

breathing  
increases

( stress

reaction to potential threat, challenge or disturbing events

