FUNCTION

• Every cell in the body produces metabolic waste, the excretory system removes this waste from the body
• The skin, lungs, and kidneys make up this system
• Skin: excretes water, salts, small amounts of nitrogenous wastes
PARTS

• Lungs: excrete water vapor and CO₂
PARTS

• Urinary system: formation and excretion of urine
• Urine is mostly water to keep nitrogen wastes dissolved and easier to excrete
STEPS OF URINE FORMATION

• Step 1: Filtration
• Blood goes into kidneys to clean out urea (created in liver), toxins, minerals, salts, and water to form urine, this occurs in the nephron
STEPS OF URINE FORMATION

• Step 2: Reabsorption
• Some substances return to blood to maintain balance (through vena cava/ vein)
Steps of Urine Formation

• Step 3: Elimination
• Urine passes through the ureters to be stored in bladder until it is secreted through the urethra
URINE

- Normally made of urea, water, salt and has a very light yellow color
CHANGES IN URINE LET US KNOW ABOUT...

• Kidney damage: proteins may leak into the urine
• Dehydration: urine too dark in color
• Bleeding from the kidneys: brown urine
• Diabetes: urine will have a high glucose count
• Hypoglycemia: low or no glucose in urine, which results from too much insulin production
FOR TOMORROW: BE SURE TO WEAR CLOSED-TOE SHOES!