

Organ Systems; Directional Terms; Cavities & Sections

1. 11 systems' names and a brief phrase that summarizes their functions.
2. 6 directional terms from your notes.
3. 3 types of sections and how each divides a structure.
4. 4 quadrants and 2 organs found in each.

Answers: Organ Systems; Directional Terms; Cavities and Sections

- 11 systems with a brief phrase of function.
Nervous: Control and Communication--FAST
Endocrine: Control and Communication—LONG-LASTING
Cardiovascular: Transport of nutrients, hormones, gases and wastes
Respiratory: Gas Exchange (Oxygen in, Carbon dioxide out)
Gastrointestinal: Ingestion, Nutrient Breakdown and Absorption, Excretion of waste
Urinary/Excretory: Filter blood, balance water and pH of blood
Reproductive: Make more humans
Skeletal: support and structure
Muscular: movement
Integumentary: protective barrier, sense of touch, water-proofing
Immune/Lymphatic: fight infection and cancers
- 6 directional terms from your notes.
Prone/supine -- prone is lying face-down; supine is lying on the back
Superficial/deep -- superficial structures are closer to the surface of the body
Proximal/distal -- proximal structures are closer to the torso and distal are farther from the torso
Medial/Lateral -- medial structures are closer to the midline of the body and lateral structures are closer to the sides
Anterior/Posterior -- anterior structures are closer to the front of the organism and posterior structures are closer to the back
Superior/Inferior -- superior structures are closer to the top of the organism and inferior structures are closer to the bottom.
- 3 types of sections and how each divides a structure.
Transverse/Cross-section: Top and Bottom
Frontal/Coronal: Front and Back
Sagittal: Left and Right Sides
- 4 quadrants and 1 organ found in each.
Upper Left: spleen
Upper Right: liver
Lower Left: descending colon
Lower Right: appendix