Human Anatomy & Physiology Lab Manual, 2e (Whiting) Unit 1 Introduction to Anatomy & Physiology

1.1 Pre-Lab Activities
1) In anatomical position, the palm is oriented A) lateral B) anterior C) dorsal D) posterior Answer: B Activity: Pre-Lab Activity 1
2) The lungs are to the heart. A) superior B) lateral C) medial D) anterior Answer: B Activity: Pre-Lab Activity 1
3) The thigh is to the knee. A) distal B) inferior C) anterior D) proximal Answer: D Activity: Pre-Lab Activity 1
4) The heart is to the ribs. A) anterior B) deep C) superficial D) lateral Answer: B Activity: Pre-Lab Activity 1
5) Which region is only visible on the posterior/dorsal body surface? A) Frontal B) Popliteal C) Femoral D) Antecubital Answer: B Activity: Pre-Lab Activity 1

6) The patellar region is located A) on the anterior knee B) on the posterior of the head C) superior to the pubic region D) inferior to the sural region Answer: A Activity: Pre-Lab Activity 1
7) The dorsal body cavity includes the cavity. A) mediastinum B) pleural C) pelvic D) cranial Answer: D Activity: Pre-Lab Activity 2
8) The pleural body cavity is located within the body cavity. A) ventral B) dorsal C) synovial D) peritoneal Answer: A Activity: Pre-Lab Activity 2
9) The pubic region is to the iliac region. A) medial B) superior C) proximal D) lateral Answer: A Activity: Pre-Lab Activity 2
10) The epigastric region is to the umbilical region. A) medial B) superior C) proximal D) lateral Answer: B Activity: Pre-Lab Activity 2
11) Which serous membrane lines the thoracic cavity and covers only the lung? A) Pericardium B) Parietal C) Pleura D) Peritoneum Answer: C Activity: Pre-Lab Activity 2

12) The outermost lining of the serous membrane s	surrounding the lungs is called
A) visceral pleura	
B) visceral peritoneum	
C) visceral pericardium	
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D) parietal pleura	
Answer: D	
Activity: Pre-Lab Activity 2	
13) The body plane of section divides th	e body into right and left parts.
A) frontal	,
B) transverse	
C) oblique	
D) sagittal	
Answer: D	
Activity: Pre-Lab Activity 3	
14) The body plane of section divides th	e body into anterior and posterior parts.
A) frontal	a coup mass universel units possessel possess
B) sagittal	
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C) oblique	
D) transverse	
Answer: A	
Activity: Pre-Lab Activity 3	
15) The body plane of section divides th	e body into superior and inferior parts.
A) oblique	J 1
B) transverse	
C) sagittal	
D) frontal	
Answer: B	
Activity: Pre-Lab Activity 3	
16) The sagittal plane divides the body into	
A) proximal and distal parts	
B) right and left parts	
C) superior and inferior parts	
D) anterior and posterior parts Answer: B	
Activity: Pre-Lab Activity 3	
17) The sternum is to the pelvis.	
A) lateral	
B) inferior	
C) distal	
D) superior	
Answer: D	
Activity: Pre-Lab Activity 4	
ACTIVITY: PTC-Lad ACTIVITY 4	

18) Which is the better example of the term <i>medial</i> ? A) The position of the eyes compared to the ears B) The position of the ears compared to the eyes C) The position of the eyes compared to the chin D) The position of the eyes compared to the eyebrows Answer: A Activity: Pre-Lab Activity 4
19) Which is the better example of the term <i>inferior</i> ? A) The position of the eyes compared to the eyebrows B) The position of the elbow compared to the wrist C) The position of the heart compared to the lungs D) The position of the sternum compared to the lungs Answer: A Activity: Pre-Lab Activity 4
20) The visceral pleura is to the parietal pleura. A) superficial B) lateral C) proximal D) deep Answer: D Activity: Pre-Lab Activity 4
1.2 Post-Lab Activities
1) Another term for the ankle is the A) tarsal region B) crural region C) carpal region D) sural region Answer: A Activity: Post-Lab Activity 1
2) What is another term for the armpit?A) Axillary regionB) Sural regionC) Crural regionD) Antecubital region

Answer: A

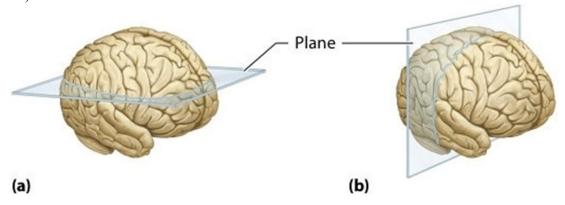
3) The gallbladder is located in the body cavity. A) pelvic B) ventral C) thoracic D) mediastinum Answer: B Activity: Post-Lab Activity 2	
4) The eye is located in the body cavity. A) cranial B) synovial C) thoracic D) orbital Answer: D Activity: Post-Lab Activity 2	
5) The spinal cord is located in the body cavity. A) mediastinum B) cranial C) thoracic D) dorsal Answer: D Activity: Post-Lab Activity 2	
6) The rectum is located in the body cavity. A) dorsal B) abdominal C) thoracic D) pelvic Answer: D Activity: Post-Lab Activity 2	
7) Which organ is found in the left hypochondriac region of the abdominoped A) Rectum B) Urinary bladder C) Spleen D) Gallbladder Answer: C Activity: Post-Lab Activity 2	elvic cavity?
8) Which organ is found in the hypogastric region of the abdominopelvic ca A) Spleen B) Urinary bladder C) Stomach D) Gallbladder Answer: B Activity: Post-Lab Activity 2	vity?

- 9) An X-ray shows a bullet located in a patient's right lung. Therefore, it
- A) is located medially to a bullet lodged in the heart
- B) has penetrated the visceral peritoneum
- C) is located in the ventral body cavity
- D) is located in the vertebral body cavity

Answer: C

Activity: Post-Lab Activity 2

10)



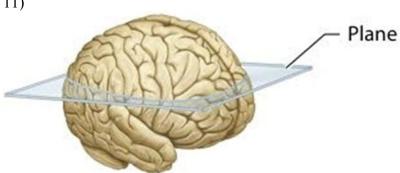
Which plane of section is being demonstrated in figure (a)?

- A) Sagittal
- B) Oblique
- C) Frontal
- D) Transverse

Answer: D

Activity: Post-Lab Activity 3

11)

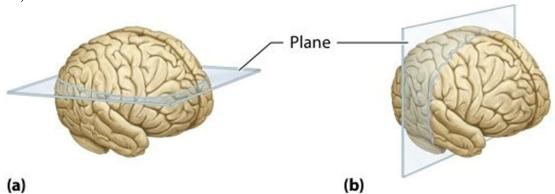


In this figure, the plane of section divides the brain into parts.

- A) proximal and distal
- B) superior and inferior
- C) medial and lateral
- D) anterior and posterior

Answer: B





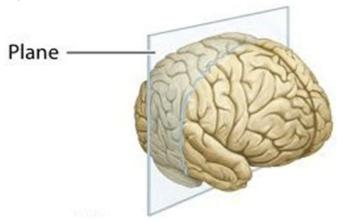
Which plane of section is being demonstrated in figure (b)?

- A) Sagittal
- B) Frontal
- C) Oblique
- D) Transverse

Answer: B

Activity: Post-Lab Activity 3

13)



In this figure, the plane of section divides the brain into _____ parts.

- A) anterior and posterior
- B) superior and inferior
- C) medial and lateral
- D) proximal and distal

Answer: A

- 14) Patient RX has been stabbed in the anterior, medial region of the right femoral region. What is the best description to tell the patient's family where the injury was located?
- A) Front mid-region of the right thigh
- B) Front side of the chest about half way down
- C) Back mid-region of the right calf
- D) Outer left side of the right thigh

Answer: A

Activity: Post-Lab Activity 4

- 15) Patient JT has been stabbed in the anterior spleen. Which phrase *best* describes the wound location?
- A) Inferior to the rib cage
- B) Medial to sternum
- C) In the right lower quadrant
- D) Superior to the right inguinal region

Answer: A

Activity: Post-Lab Activity 4

- 16) Your roommate returns from the doctor with a diagnosis of "plantar warts." What part of her body is affected?
- A) Mouth
- B) Sole of the foot
- C) Palm of the hand
- D) Genitals

Answer: B

Activity: Post-Lab Activity 4

- 17) In anatomical position, the thumbs are in what position in relationship to the hand?
- A) Superior
- B) Lateral
- C) Medial
- D) Proximal

Answer: B

Activity: Post-Lab Activity 1

- 18) You are caring for a patient who has just had open heart surgery. He or she has an incision running straight down the thoracic region so that the surgeon could access the heart. What plane did the surgeon cut along?
- A) Frontal plane
- B) Sagittal plane
- C) Transverse plane
- D) Coronal plane

Answer: B

- 19) Which of the following would be the best recording of a patient intake of someone with a laceration on the front of their right forearm?
- A) A laceration on the medial antebrachial region.
- B) A laceration on the anterior antebrachial region.
- C) A laceration on the anterior brachial region.
- D) A laceration on the posterior antebrachial region.

Answer: B

Activity: Post-Lab Activity 4

- 20) Where do most people have blood taken when they donate blood?
- A) Brachial region
- B) Antecubital region
- C) Antebrachial region
- D) Cubital region

Answer: B