

Use the terms below to complete the chart.

Divisions/Subdivisions

~~Abdominal~~
~~Abdominopelvic~~
~~Cranial~~
~~Pelvic~~
~~Pericardial~~
~~Pleural~~
~~Spinal~~
~~Thoracic~~

Organ(s) Present

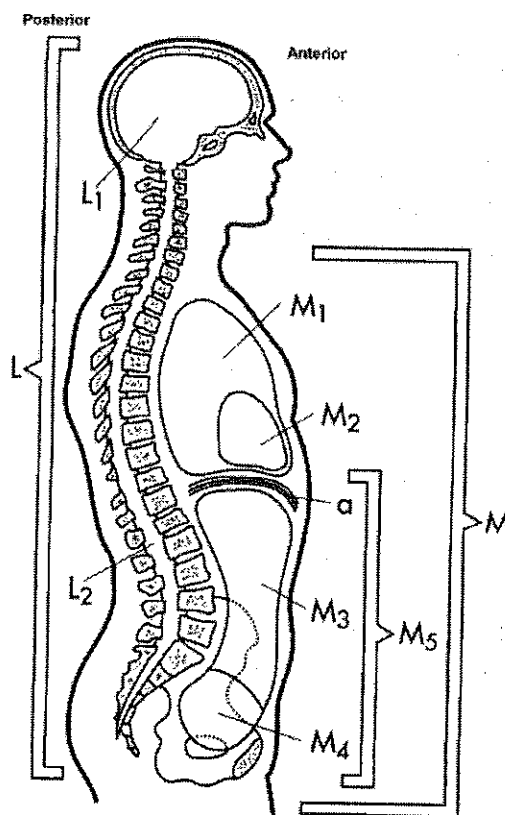
~~Brain~~
~~Heart~~
~~Lungs~~
~~Spinal cord~~
~~Stomach, liver, intestines~~
~~Uterus, bladder~~

MAIN BODY CAVITY	DIVISIONS	SUBDIVISIONS	ORGAN(S) PRESENT
Dorsal Cavity	Cranial		Brain
	Spinal		Spinal cord
Ventral Cavity	Thoracic Cavity	Pericardial	Heart
		Pleural	Lungs
	Abdomino-pelvic cavity	Abdominal	stomach, liver, intestines
		Pelvic	uterus, bladder

Color the **brackets** and **body cavities** listed below on the diagram at the right.

- ☐ Dorsal cavity (L)
- ☐ Cranial cavity (L₁)
- ☐ Spinal cavity (L₂)
- ☐ Ventral cavity (M)
- ☐ Pleural cavity (M₁)
- ☐ Pericardial cavity (M₂)
- ☐ Abdominal cavity (M₃)
- ☐ Pelvic cavity (M₄)
- ☐ Abdominopelvic cavity (M₅)

Answers are
given



QUESTIONS:

KEY

QUESTIONS:

1. Complete the following statements by circling the correct term in the brackets.

- a. The toes are [proximal or distal] to the ankles
- b. The scalp is [superficial or deep] to skull
- c. The diaphragm is [superior or inferior] to the lungs
- d. The heart is [superior or inferior] to the diaphragm.
- e. The head is [superior or inferior] to the neck.
- f. The wrist is [proximal or distal] to the hand.
- g. The esophagus is [dorsal or ventral] to the vertebral column.
- h. The esophagus is [anterior or posterior] to the vertebral column.
- i. The brain is [superior or inferior] to the spinal cord.
- j. The fingers are [proximal or distal] to the hand.
- k. The kneecap is [anterior or posterior] to the knee joint.
- l. The kneecap is [dorsal or ventral] to the knee joint.
- m. The eyes are [medial or lateral] to the bridge of nose.
- n. The nose is [medial or lateral] to the ears.
- m. The thumb is [proximal or distal] to the hand.
- n. Bones are [superficial or deep] to the skin.
- o. The kidney is [medial or lateral] to the vertebral column.

2. For each of the following statements determine if the statement is true or false. If the state is true, write **TRUE** on the blank provided. If the statement is false, change the underlined word to make the statement true and write the **CORRECTED WORD(S)** on the blank provided.

- a. The mouth is superior to the nose.
- b. The stomach is inferior to the diaphragm.

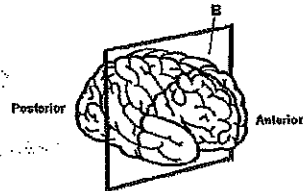
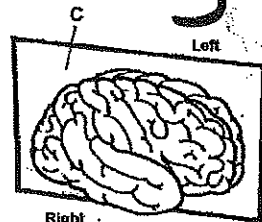
inferior
true

← bad question -
you won't
see this on
the test

- c. The trachea is anterior to the spinal cord.
- d. The larynx is posterior to the esophagus.
- e. The heart is medial to the lungs.
- f. The kidneys are inferior to the adrenal glands.
- g. The hand is proximal to the elbow.
- h. The knee is proximal to the ankle.

true
anterior
true
true
distal
true

3. Identify the section pictured or described below:

Section: <u>transverse</u> 	Section: <u>frontal</u> 
Section: <u>midsagittal</u> 	Section: <u>sagittal</u> Divides the body into asymmetrical right and left sections.
Section: <u>midsagittal</u> Divides the body along the midline into externally symmetrical sections.	Section: <u>frontal</u> Divides the body into anterior and posterior sections.
Section: <u>transverse</u> Divides the body horizontally into superior and inferior sections.	