

Name _____

Anatomical Terms Lab

Dr. J. Lim

Anatomical Position

Utilizing yourself as the model:

- Stand and assume the anatomical position.
Notice that it is not particularly comfortable because your hands unnaturally are open and face forward instead of allowing them to hang partially cupped and facing your thighs
- Describe the orientation of the following body parts while in the anatomical position
 - nose points:
 - toes point:
 - palms face:
 - thumbs point:

Body Orientation and Direction

State the definitions of the following terms:

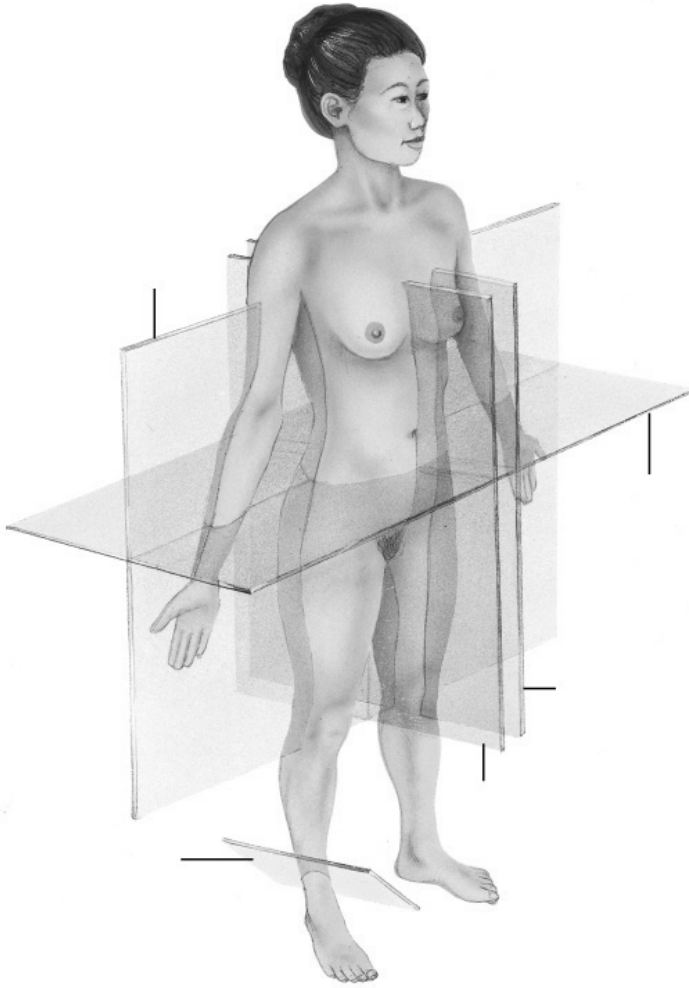
- superior/inferior /
- anterior/posterior /
- medial/lateral /
- dorsal/ventral /
- proximal/distal /
- superficial/deep /
- ipsilateral/contralateral /

Exercise:

Use your own body to specify the relationship between the following structures:

1. The wrist is _____ to the hand.
2. The trachea (windpipe) is _____ to the spine.
3. The brain is _____ to mole on your forehead.(2 correct answers)
4. The urinary bladder is _____ to the liver.
5. The nose is _____ to the cheekbones. (2 correct answers)
6. The chest is _____ to the abdomen.

Body Planes and Sections



Copyright © 2005 John Wiley & Sons, Inc. All rights reserved.

← Label the sections on the adjacent diagram.
Then describe in writing (ex: left/right & above/below) and demonstrate symbolically on your own body, the parts that result when following sections (cuts) are made.

- frontal /
- transverse /
- sagittal /
- midsagittal (midline) /

- oblique -

Body Cavities

Using your own body, discuss and demonstrate the two major body cavities and their two subgroups.

Name an important organ in each of the four body cavity subgroups.

- Dorsal
 - cranial -
 - vertebral -
- Ventral
 - thoracic -
 - abdominopelvic -