**Anatomical Directional and Planes Vocabulary Practice**

***Complete the following statements by choosing an anatomical term from the key choices. Enter the appropriate letter or term in the answer blanks.***

**Key Choices**

Anterior

Distal

Frontal

Inferior

Lateral

Medial

Posterior

Proximal

Sagittal

Superior

Transverse

Intermediate

In the anatomical position, the face and palms are on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ body surface, the buttocks and shoulder blades are on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ body surface, and the top of the head is the most \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_part of the body. The ears are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the shoulders and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the nose. The heart is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the spine and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the lungs. The elbow is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the fingers but \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the shoulder. In humans, the dorsal surface can also be called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ surface; however, in four-legged animals, the dorsal surface is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ surface.

If an incision cuts the heart into right and left parts, the section is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ section, but if the heart is cut so that anterior and posterior parts result, the section is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ section. You are told to cut an animal along two planes so that the paired kidneys are observable in both sections. The two sections that meet this requirement are the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sections.

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