

Define the following Veins & Arteries THEN create draw a *dog* OR a *cat* and label these veins and arteries.

Your heart needs to be colored **PURPLE**.

The Veins need to be colored **RED**.

The Arteries need to be colored **BLUE**.

Aorta – the largest artery that sends blood from the heart to the body

Brachiocephalic – branches from the aorta to send blood to the head and right side of the body

Common carotid arteries – (left & right) run up both side of the neck and supply blood to the head

Coronary arteries – wraps around the exterior of the heart and supply blood to the heart muscle

Facial artery – wraps under lower jaw and is used to take the pulse on a horse or cow

Femoral artery – runs down the inside hind leg; used to take the pulse on a cat or dog

Mesenteric – supplies blood to the intestines

Renal artery – supplies blood to the kidney

Pulmonary arteries – carry deoxygenated blood to the lungs

Pulmonary veins – carry oxygenated blood to the left atrium

Cranial vena cava – returns blood to the heart from the head, neck, and forelegs

Caudal vena cava – returns blood to the heart from the thorax, abdomen, and hind legs

Cephalic vein – runs along the front of the foreleg

Jugular vein – runs down the neck and returns blood from the head

Renal vein – returns blood from the kidney to the caudal vena cava

Femoral vein – runs along the inside of the hind leg

Saphenous vein – an extension of the femoral vein