Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Circulatory System Worksheet 3**

 **Vessels**









1. Describe the structure and function of arteries.

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1. In the top illustration, why is the color of the blood shown in the veins much darker than the blood shown in the arteries?

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1. Compare the structure of arteries, veins and capillaries

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1. How does the pressure of blood in the arteries affect the flow of blood from the heart to the tissues?

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1. How does the pressure of blood in the veins compare with the pressure in the arteries? Because of this, what structure are veins equipped with that arteries are not?

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1. Study the drawing of the skeletal muscles in the bottom illustration. Describe what happens to the valves in the veins when the skeletal muscles relax or contract.

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