



Body Systems and Senses

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. The _____ is a strong muscle that pumps blood through the whole body.
2. Blood vessels called _____ carry oxygen-rich blood away from the heart.
3. Blood vessels called _____ return blood to the heart from the body.
4. The _____ add oxygen to the blood and remove carbon dioxide as we breathe.
5. When you exercise, your heart _____ speeds up to deliver more oxygen.
6. Tiny blood vessels called _____ connect arteries to veins inside body tissues.
7. Blood carries _____ from the lungs to every cell in the body.
8. Blood returning to the heart from the body is low in _____ and high in carbon dioxide.
9. The circulatory system works closely with the _____ system to exchange gases.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Heart	→		Carries blood back to the heart
Artery	→		Pumps blood through the body
Vein	→		Add oxygen to the blood
Lungs	→		Carries oxygen-rich blood away from the heart

Part A: Fill in the Blank

Write the missing word or number on each line.

1. The heart is a strong muscle that pumps blood through the whole body.
2. Blood vessels called arteries carry oxygen-rich blood away from the heart.
3. Blood vessels called veins return blood to the heart from the body.
4. The lungs add oxygen to the blood and remove carbon dioxide as we breathe.
5. When you exercise, your heart rate speeds up to deliver more oxygen.
6. Tiny blood vessels called capillaries connect arteries to veins inside body tissues.
7. Blood carries oxygen from the lungs to every cell in the body.
8. Blood returning to the heart from the body is low in oxygen and high in carbon dioxide.
9. The circulatory system works closely with the respiratory system to exchange gases.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Heart	→	<u>Pumps blood through the body</u>	Carries blood back to the heart
Artery	→	<u>Carries oxygen-rich blood away from the heart</u>	Pumps blood through the body
Vein	→	<u>Carries blood back to the heart</u>	Add oxygen to the blood
Lungs	→	<u>Add oxygen to the blood</u>	Carries oxygen-rich blood away from the heart