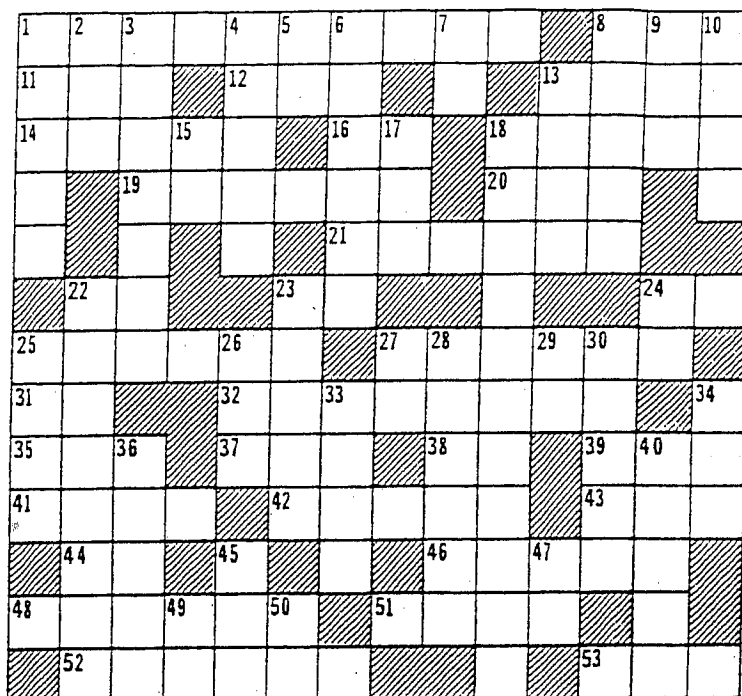


Name: _____

Date: _____

7. The Heart, Vessels, and Blood



ACROSS

1. This iron-rich substance in the blood has the ability to combine with oxygen from the lungs and then release it to the cells where it is needed.
8. An accumulation of dead bacteria and white blood cells around a sore.
11. _____ de Cologne, a toilet water or cologne.
12. Lacking disciplinary control.
13. While exercising, a person needs to reach and maintain his or her target heart _____ for at least twenty minutes in order to gain the benefits of the exercise.
14. The upper chambers of the heart, the right receiving blood from the vena cava and the left receiving oxygen-rich blood from the pulmonary veins.
16. Chemical symbol for ytterbium.
18. The rhythmical beating of blood pressing against the artery walls that can be felt at the wrist and can be counted to determine how many times the heart beats per minute.
19. To have under effective control.
20. Ensign (abbr.).

Name: _____

Date: _____

7. *The Heart, Vessels, and Blood* (continued)

ACROSS (continued)

21. Supplied by nutrients and oxygen and carried by the blood, this is required by tissues and organs in order for them to function.
22. Railroad (abbr.).
23. The chemical symbol for carbon, and the chemical symbol for nitrogen.
24. The chemical symbol for plutonium.
25. This tubelike structure transports blood throughout the body, each type having a specific function.
27. _____-cell anemia is an inherited disease that affects the shape of red blood cells, causing them to carry less oxygen.
31. Editor (abbr.).
32. A heart attack occurs when a blood clot in this artery blocks the blood supply to a portion of the heart muscle, causing the cells in that portion to die.
35. This frozen liquid is used to constrict blood vessels in an injured area to prevent swelling or bruising.
37. Past tense of *eat*.
38. Sir (abbr.).
39. Manufacturing (abbr.).
41. The carotid arteries are located here.
42. This dish made of raw vegetables is served as a first course, as a side dish to a meal, or if dieting, alone.
43. Pageantry (abbr.).
44. Late Latin (abbr.).
46. People who can't see images clearly or can't distinguish shades of gray under dim light suffer from this type of blindness which is commonly caused by a deficiency of vitamin A.
48. The clear fluid that makes up over one half of the blood.
51. A fight between rival families or individuals.
52. A condition that occurs when the blood supply into or within the brain is severely reduced or cut off.
53. The organ of sight.

DOWN

1. The fist-sized muscle in the body that pumps blood.
2. To consume as food.
3. A malfunctioning valve due to disease, a birth defect, or rheumatic fever can indicate these conditions of the heart.
4. An organ producing a specific secretion through ducts or directly into the blood.
5. Los Angeles (abbr.).
6. The blood contains nutrients and this odorless, colorless gas which is picked up in the lungs through capillaries.
7. Chemical symbol for iodine, and the chemical symbol for hydrogen.
8. Paralysis with involuntary tremors.
9. Chemical symbol for uranium, the chemical symbol for tantalum, and the chemical symbol for sulfur.
10. To ooze out slowly.
13. One of the crosspieces of a ladder.
15. A suffix occurring in names of diseases.
17. Short for Benjamin.

Name: _____

Date: _____

7. *The Heart, Vessels, and Blood* (continued)

DOWN (continued)

18. The sac that surrounds the heart.
22. These are made in the marrow of long bones and carry oxygen and hemoglobin to the body's cells.
23. Platelets are essential in order for the blood to form these.
24. Physical education (abbr.).
25. A blood vessel that carries blood to the heart.
26. Economic Commission for Africa (abbr.).
27. _____ what?
28. Mentally unsound or demented.
29. Chemical symbol for krypton.
30. The bean-shaped nodes located throughout the body that supply disease-fighting substances and filter and attack disease-causing organisms.
33. Understand the meaning of written or printed words.
34. The breakfast food that is high in cholesterol.
36. Conspicuous success.
40. _____ deposits that build up in the arteries, along with high blood pressure, can contribute to heart attacks or strokes.
45. Health Maintenance Organization (abbr.).
47. Chemical symbol for gadolinium.
49. Chemical symbol for strontium.
50. Alaska (abbr.).