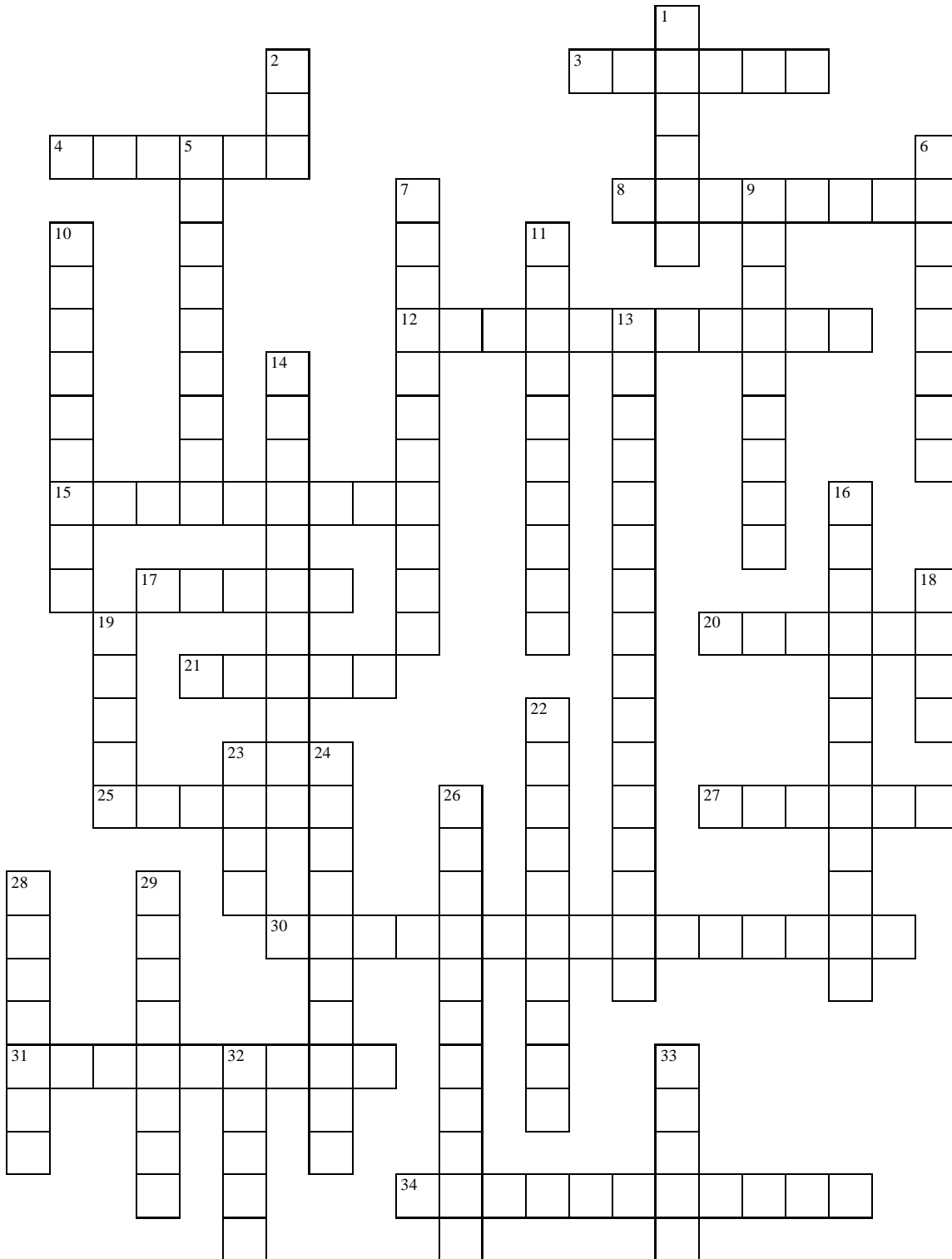


Blood Vessels and Heart



ACROSS

- 3 Also called the bicuspid valve
- 4 Structure found in veins but not arteries

DOWN

- 1 Thin walled upper chambers of the heart
- 2 Complex that resembles ventricular

- 8** Type of artery that distributes blood across most of the body
- 12** Sac that surrounds the heart
- 15** Small arteries
- 17** Venous blood from the heart drains into the coronary (blank)
- 20** Primary pacemaker of the heart
- 21** ECG wave that symbolizes atrial depolarization
- 25** Blood vessel that carries blood away from heart
- 27** Internal delicate layer of a blood vessel; Tunica (blank)
- 30** Branch of the autonomic nervous system that causes the heart to slow down
- 31** Valve that separates right atria and ventricle
- 34** Location of heart and great vessels
- depolarization
- 5** Thick muscular chambers of the heart
- 6** Pericardial fluid reduces (blank) between the heart and pericardial sac
- 7** Branch of the autonomic nervous system that causes the heart to speed up
- 9** Blood vessel that is the location of gas exchange
- 10** The only artery that carries deoxygenated blood
- 11** Layer of the heart that contains coronary arteries
- 13** Type of valve that separates atria and ventricles
- 14** Type of heart valve that is found at the exit of ventricles
- 16** Intrinsic property of cardiac cells to spontaneously depolarize
- 18** Which ventricle is the thickest?
- 19** Layer of blood vessel that contains the muscular tissue; tunica (blank)
- 22** Coronary artery that supplies the lateral wall of the heart with oxygen and nutrients
- 23** Blood vessel that carries blood towards the heart
- 24** Middle layer of the heart that contains the muscle tissue
- 26** Connection between arteries and veins
- 28** Type of artery characterized by the aorta
- 29** The largest vein in the body
- 32** Myocardial layer that separates the right and left sides of the heart
- 33** Largest artery in the body

Note: For a fee, you can use Crossword Weaver to print a nice copy of this puzzle (one that doesn't look like a web page). You can check it out for free by downloading the demo from

<http://www.crosswordweaver.com/index.htm?From=OCWM.puzzle> .