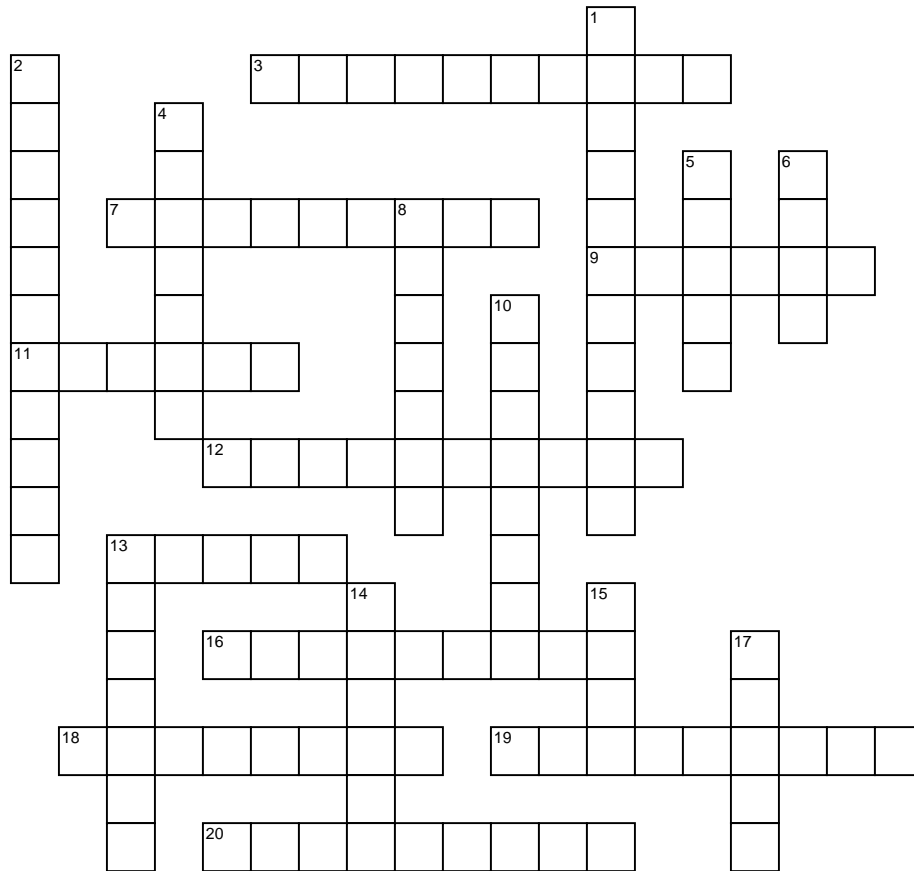


# Roland-Story Biology

## Breathing and Beating -- Lesson 1.3



www.CrosswordWeaver.com

### ACROSS

- 3 The act of bringing air into the lungs
- 7 Extremely narrow, microscopic blood vessel.
- 9 The upper portion of the trachea.
- 11 A blood vessel that functions in carrying blood from the heart.
- 12 The act of exhaling or forcing air from the lungs. Also referred to as expiration.
- 13 The expansion and contraction of an artery associated with each heartbeat.
- 16 One of the two pumping chambers of the heart.
- 18 circulation - The circulatory system excluding the pulmonary circulation.
- 19 Indicating the arterial pressure during the interval between heartbeats.
- 20 circulation - The circulation of blood from the heart to the lungs

### DOWN

- 1 The pulsatory movement of blood in the body.
- 2 A chemical process that takes place in living cells whereby food is "burned" to release energy and waste products
- 4 The windpipe; in mammals, it extends from the throat to the bronchi.
- 5 The main vessel that carries blood to all bodily organs except the lungs.
- 6 Either of two spongy, saclike respiratory organs in most vertebrates
- 8 A tiny, thin-walled air sac of the lung
- 10 Indicating the maximum arterial pressure occurring during contraction of the left ventricle of the heart.
- 13 The cavity that connects the mouth and nasal cavity to the throat
- 14 One of the upper chambers of the heart.
- 15 cava - The large veins that carry blood into the right atrium of the heart.
- 17 The pressure of the blood against the inner walls of the blood vessels,