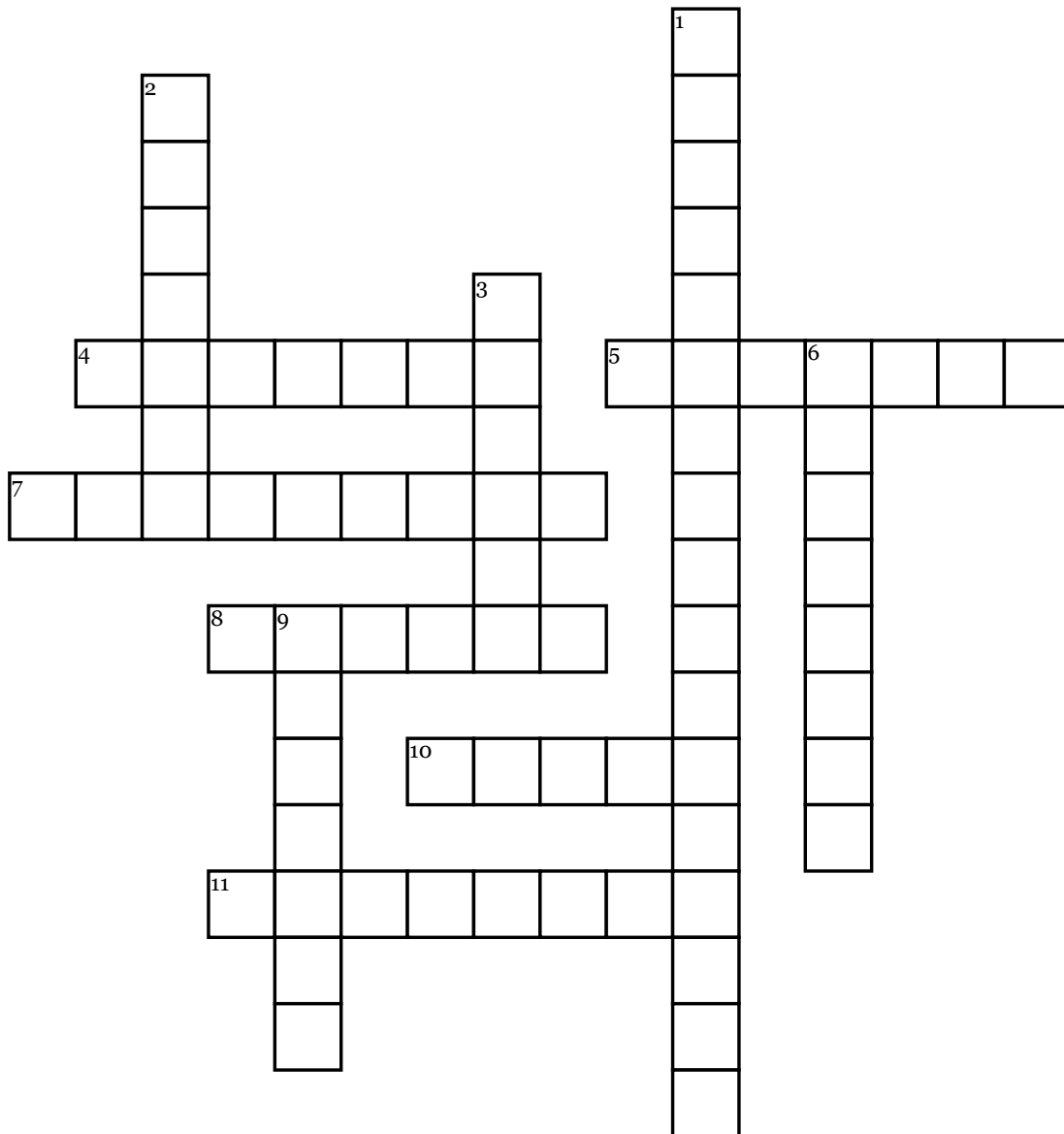


Respiratory System



Across

- 4.** The membrane-lined cavity behind the nose and mouth, connecting them to the esophagus.
- 5.** The major air passages of the lungs which diverge from the windpipe.
- 7.** A dome-shaped muscular partition separating the thorax from the abdomen in mammals. It plays a major role in breathing, as its contraction increases the volume of the thorax and so inflates the lungs
- 8.** The hollow muscular organ forming an air passage to the lungs and holding the vocal cords in humans and other mammals
- 10.** The organ that does the exchange of gases as we breathe

- 11.** Either of two external openings of the nasal cavity in vertebrates that admit air to the lungs

Down

- 1.** A series of organs responsible for taking in oxygen and expelling carbon dioxide.
- 2.** A large membranous tube reinforced by rings of cartilage, extending from the larynx to the bronchial tubes and conveying air to and from the lungs
- 3.** This gas is 28% of the air we breathe
- 6.** This gas is 71% of the air we breathe
- 9.** The many tiny air sacs of the lungs which allow for rapid gaseous exchange.