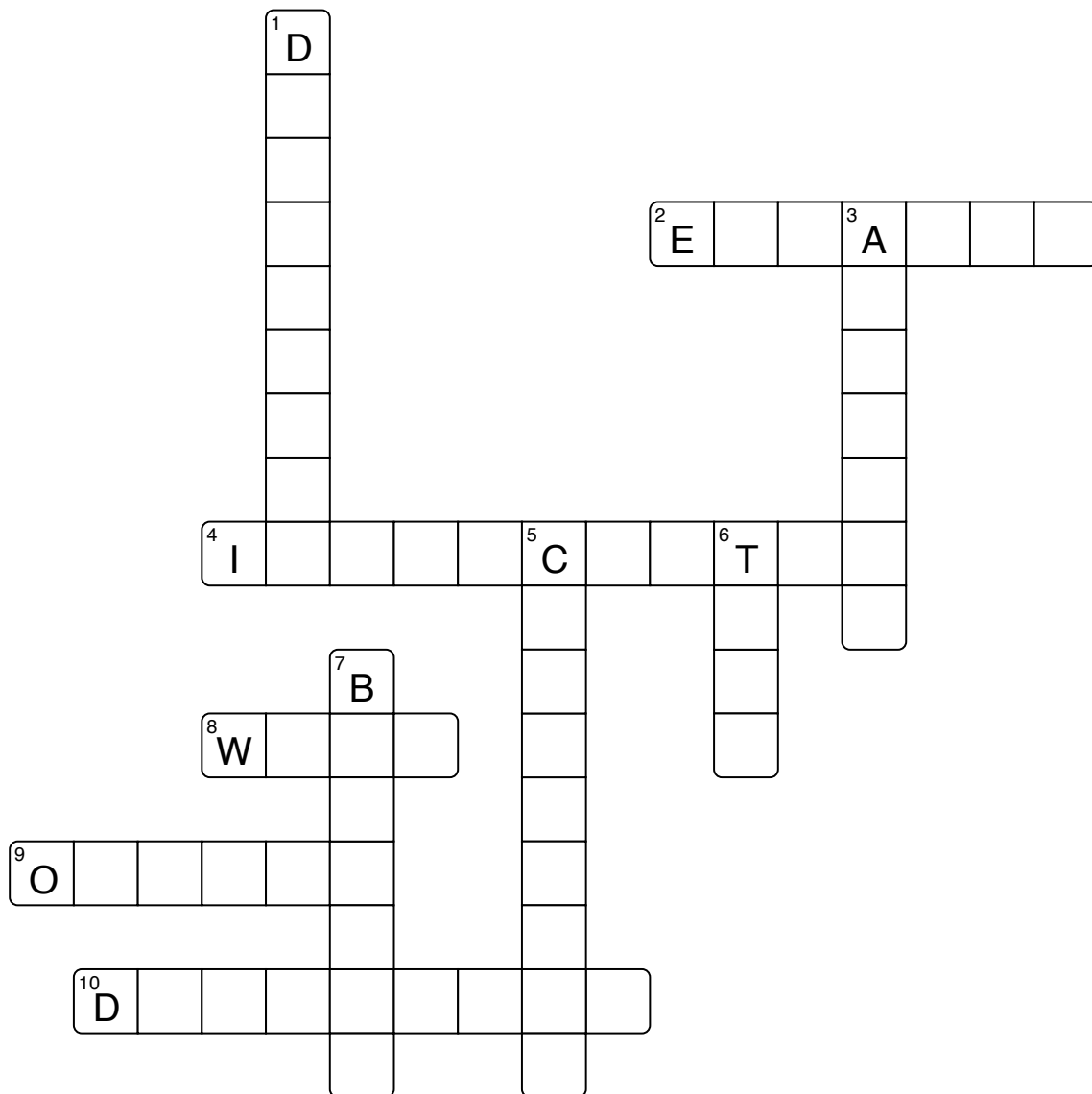


## Respiratory system (with Hints)



### Across

2. \_\_\_\_\_ air has higher levels of carbon dioxide.
4. These muscles between the ribs contract to move the ribcage up and out.
8. Diffusion is facilitated by \_\_\_\_\_, moist surfaces.
9. Gas that passes from the lungs to the blood stream.
10. This large muscle at the bottom of the ribcage flattens on inhalation

### Down

1. The movement of gases through the alveoli walls.
3. The very thin walled sacs at the end of the bronchioles.
5. C-shaped rings of this substance prevent the inward collapse of the the trachea.
6. This describes the walls of the alveoli and accounts for the speed at which gaseous exchange can occur.
7. The trachea branches into these structures-one for each lung.