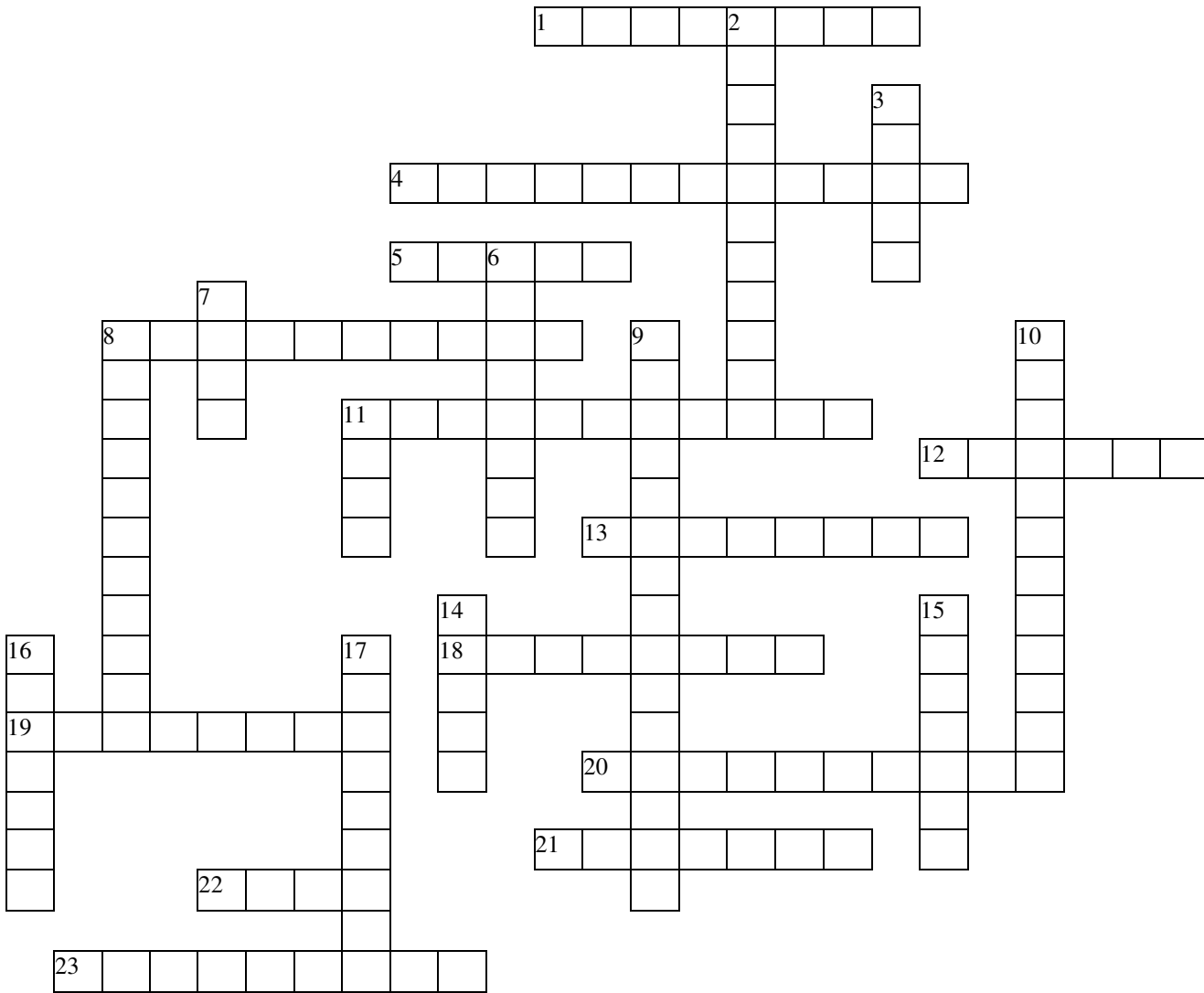


The Weather



Across

1. a type of front that is produced when an advancing cold air mass pushes a lighter warm air mass completely above the ground
4. the change from gas to liquid
5. rays completely blocked by the atmosphere
8. a type of front that occurs where the winds blow in opposite directions along a boundary between warm and cold air masses
11. mass of air that originated over a continent
12. warm front moves ___ in a matter of several days
13. energy is released in the atmosphere though; condensation and _____
18. heat
19. a weather maps that shows at one glance a variety of atmospheric conditions
20. the change from gas to solid
21. cold front moves ___ in a matter of one hour or two
22. zones of convergence where rising air at the center causes winds to blow inwards
23. the rate of evaporation ___ when water is uncovered, warmed and blown over

Down

2. some of those electromagnetic waves are blocked by the ozone layer
3. the leading edges of moving air masses
6. mass of air that originated over water
7. a type of front that is produced when warm air flows in to replace a retreating cold air mass
8. the change from solid to gas
9. the sun gives off ___ energy or wavelengths
10. the change from liquid to gas
11. a type of front that is produced when an advancing mass of cold air pushes warmer air above
14. zones of divergence where sinking air at the center causes the winds to blow outward
15. energy is absorbed in the atmosphere through the process of evaporation of water and _____
16. most of the wavelengths reaching the Earth are from the ___ spectrum
17. the rate of evaporation ___ when water is covered and cooled