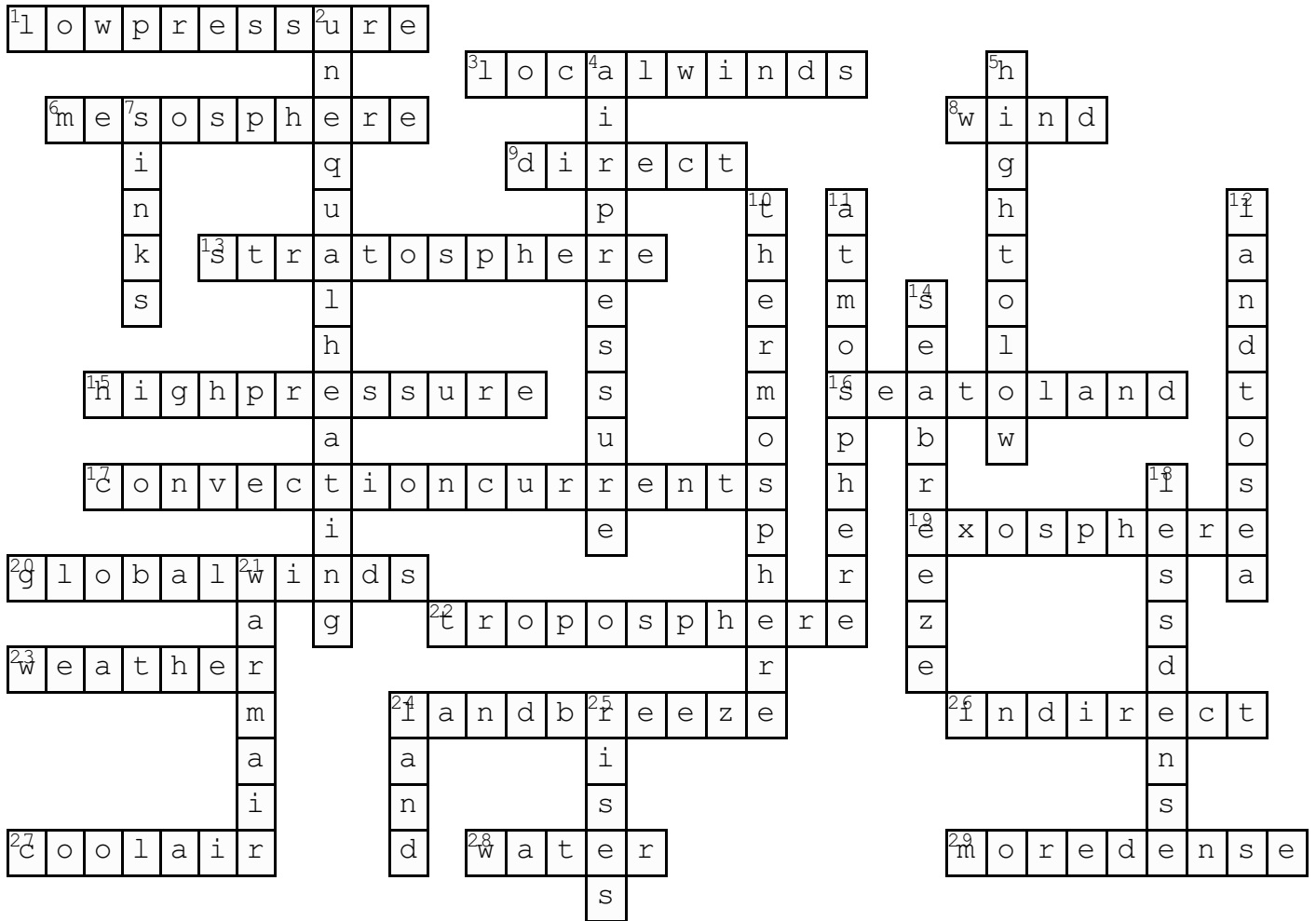


Name: _____

Atmosphere and Wind

Complete the crossword puzzle below.



Across

1. Warm air is less dense, rises and has _____. (**low pressure**)
3. Sea breezes and land breeze are examples of _____. (**local winds**)
6. This is the coldest layer of the atmosphere. (**mesosphere**)
8. The greater the differences in air pressure the faster the _____ moves. (**wind**)
9. Summer is caused by that hemisphere receiving more _____ light. (**direct**)
13. This is the layer of the atmosphere where jet streams are found. (**stratosphere**)
15. Cool air is more dense, sinks and has _____. (**high pressure**)
16. Sea Breezes move from _____. (**sea to land**)
17. These are caused by the heating and cooling of materials to create a circle pattern. (**convection currents**)
19. This is the outermost layer of the atmosphere. (**exosphere**)
20. If a wind blows over a long distance it is a _____. (**global winds**)
22. All weather happens in this layer of the atmosphere. (**troposphere**)
23. The short-term state of the atmosphere. (**weather**)
24. A _____ moves from land to sea. (**land breeze**)
26. Winter is caused by that hemisphere receives more _____ light. (**indirect**)
27. _____ is more dense and sinks. (**cool air**)
28. _____ heats up and cools off slower. (**water**)
29. When air cools off it becomes _____ and sinks. (**more dense**)

Down

2. Wind is created by the _____ of land and water. (**unequal heating**)
4. Wind is caused by a change in _____. (**air pressure**)
5. Pressure always moves from _____ to _____. (**high to low**)
7. When air is cooled off it _____. (**sinks**)
10. Hottest layer of the atmosphere. (**thermosphere**)
11. The mixture of gases that surrounds Earth. (**atmosphere**)
12. Land Breezes move from _____ to _____. (**land to sea**)
14. A _____ moves from sea to land. (**sea breeze**)
18. When air warms up it becomes _____ and rises. (**less dense**)
21. _____ is less dense and rises. (**warm air**)
24. _____ heats up and cools off faster. (**land**)
25. When air is heated it _____. (**rises**)