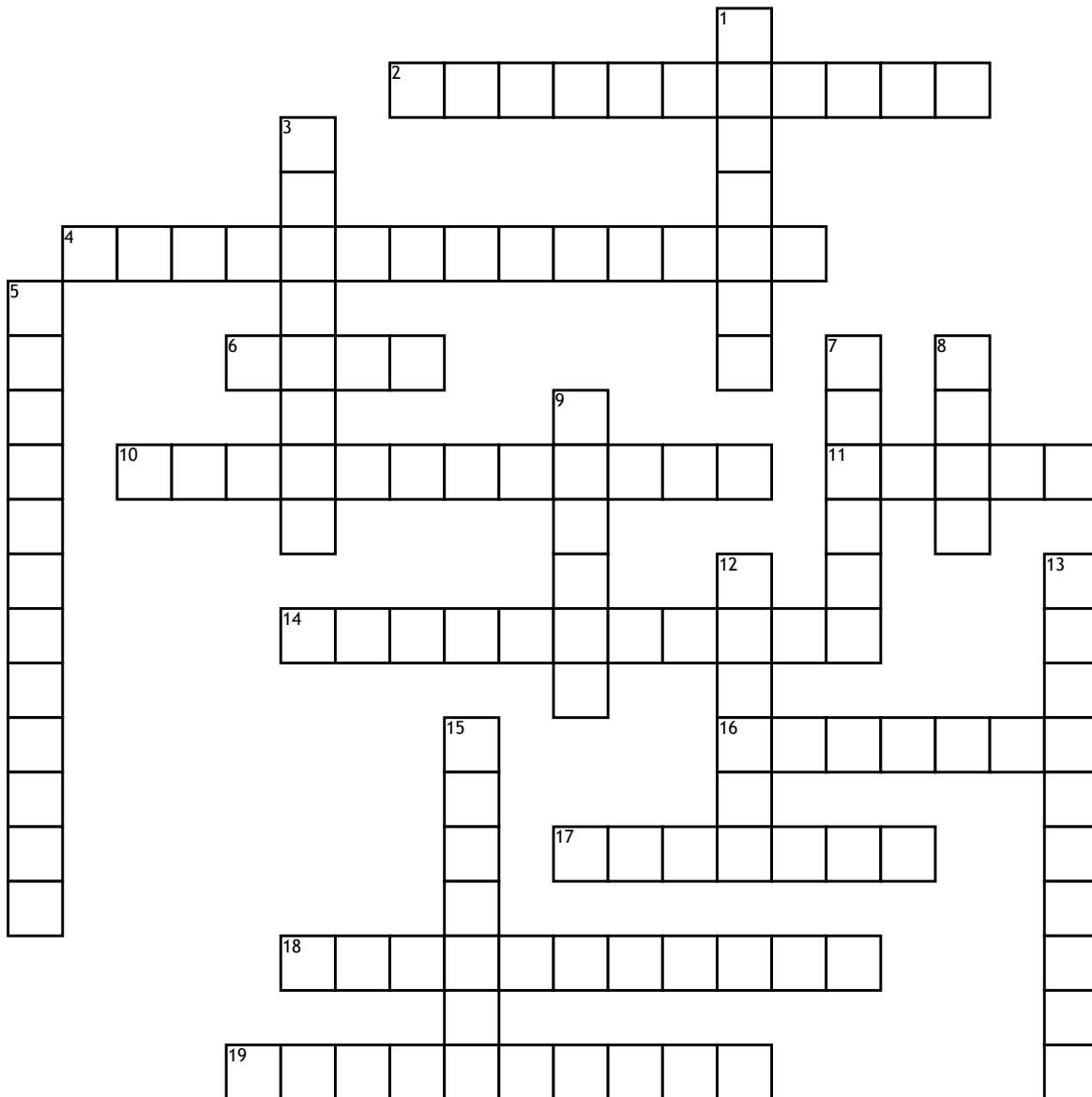


Name: _____

Date: _____

Structures Review



Across

2. Walls designed to spread a load over its entire surface

4. A building's vertical expansion above ground

6. ___ loads: change over time (occupants, furniture, snow loads)

10. Wind & earthquakes are what to a structure?

11. Forces acting upon a building

14. Shortening or pushing together of a material resulting in a reduction in size or volume

16. Stretching or pulling of a material

17. Soil and ___: material into which all loads displace

18. The ultimate goal of a structure

19. The perpendicular distance a beam is bent down by a load

Down

1. ___ support system: resists horizontal loads like wind

3. Columns, pillars, posts and loadbearing walls are all examples of ___ support

5. The structure below grade

7. Vertical structural member, longer than wide/deep

8. Horizontal structural member that is longer than it is wide or deep

9. Live loads, dead loads & dynamic loads are called what?

12. A linear horizontal structural member placed over a door or window

13. Supports floor & anchors rest of the building

15. Rebar steel increases the ___ strength of concrete