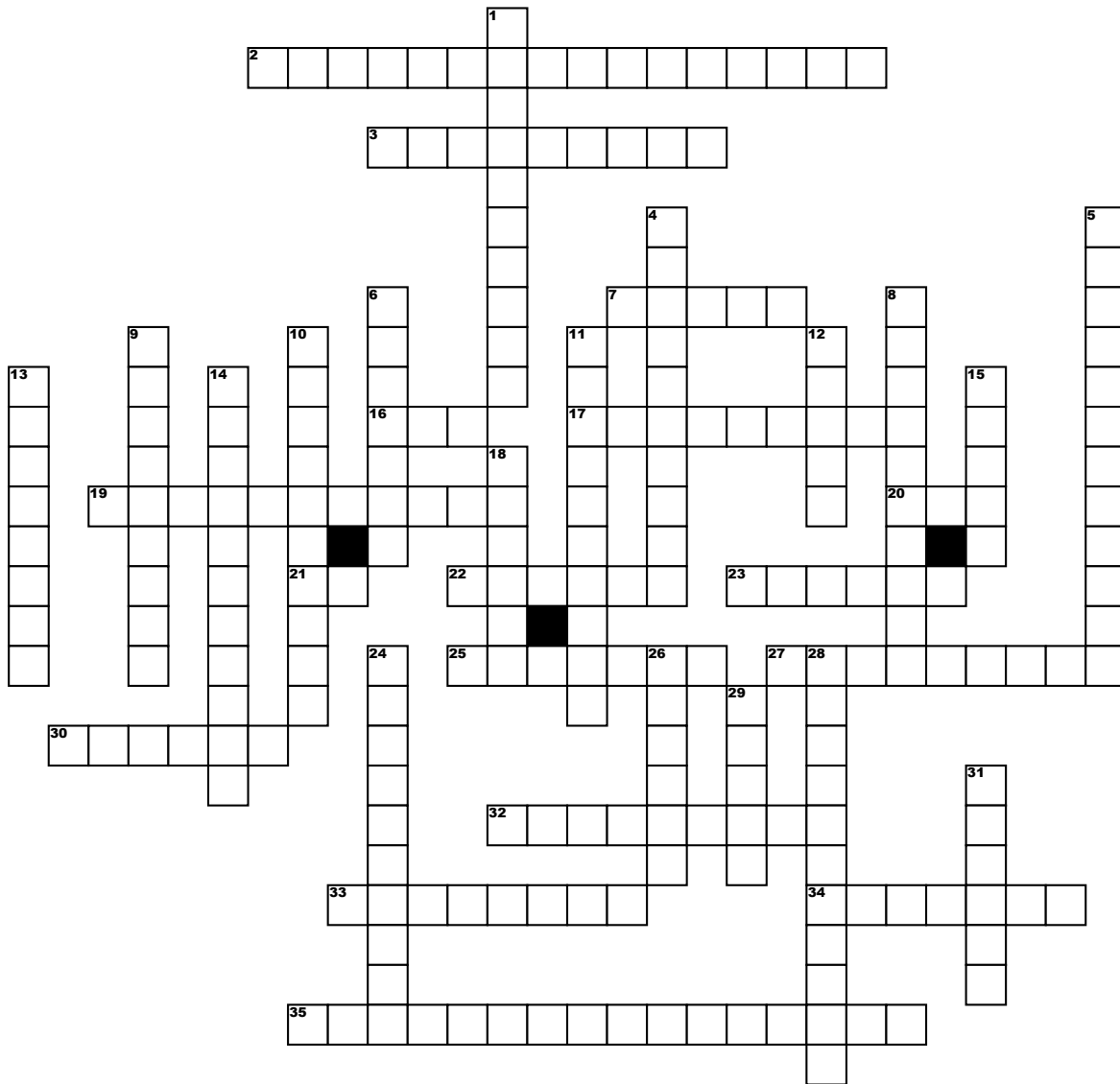


Name: _____

engines



Across

- 2. one way to classify an engine
- 3. encloses the crankshaft
- 7. thickest part of the piston
- 16. abbreviation for electronic control module
- 17. directs the flow of air
- 19. type of piston ring
- 20. type of cooling system
- 21. gear oil abbreviation
- 22. engine type with odd number cylinder
- 23. one stroke of a 4 stroke engine
- 25. one type of cylinder sleeve
- 27. maintains consistent air pressure in intake manifold

30. type of fuel filter

- 32. air induction system greater than 14.7psi
 - 33. opens and closes valves
 - 34. gear type positive displacement pump
 - 35. what determines timing
- ## **Down**
- 1. transfer reciprocating motion to rotary motion
 - 4. blue smoke means
 - 5. type of fuel system
 - 6. type of valve rotator
 - 8. seals the head to the block
 - 9. oils resistance to flow

10. removing burnt gases by entry of fresh air

- 11. common mix of coolant
- 12. foundation of the engine
- 13. type of material of flywheel for manual transmission
- 14. one stroke for a two stroke engine
- 15. a type of ignition
- 18. valve that allows air into cylinder
- 24. removes large particles of dirt
- 26. cylinder configuration for two stroke engine
- 28. cools down intake air
- 29. one type of valve arrangement
- 31. one type of cooling system