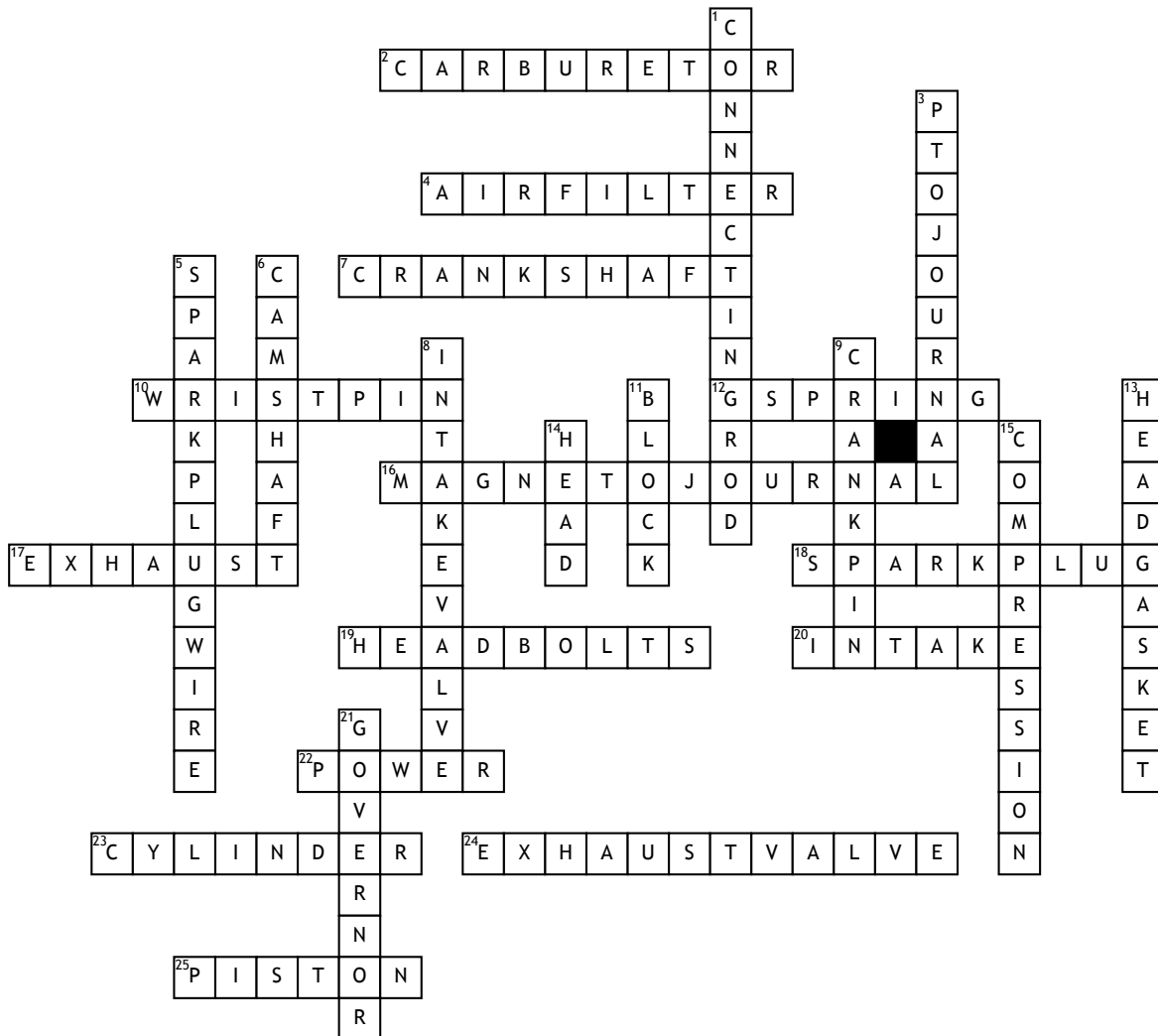


Name: _____ Date: _____ Period: _____

Part Identification



Across

2. Mixes air with fuel creating a mixture
4. Removes impurities from the incoming air before reaching the carburetor
7. Converts linear motion of the piston into rotary motion
10. Connects the piston to the connecting rod
12. Holds the wrist pin in place inside the piston
16. Part of the crankshaft where the flywheel is attached
17. The stroke of spent gases being pushed out
18. Causes the electrical current to jump a gap and create a spark

19. Main bolts that attach the head to the engine block
20. The first of the four stroke cycle
22. The third stroke of four stroke cycle
23. Place where piston travels to compress fuel and air
24. Allows spent gases to exit the cylinder when open
25. Cylindrical object that travels up and down within cylinder

Down

1. Connects the piston to the crankshaft
3. Part of the crankshaft where the load or work is attached to
5. Connects armature to spark plug

6. Turned by the gear on the crankshaft, turns once for every 2 revolutions of the crankshaft
8. Takes in air/fuel mixture to the cylinder when open
9. The offset part of the crankshaft, creates the stroke of the engine
11. Main structure of engine ENGINE
13. Creates seal between head and engine block
14. Head fastened to the end of the cylinder block away from the crank case CYLINDER
15. The stroke where the air fuel mixture is compressed
21. Helps regulate the amount of fuel required by engine