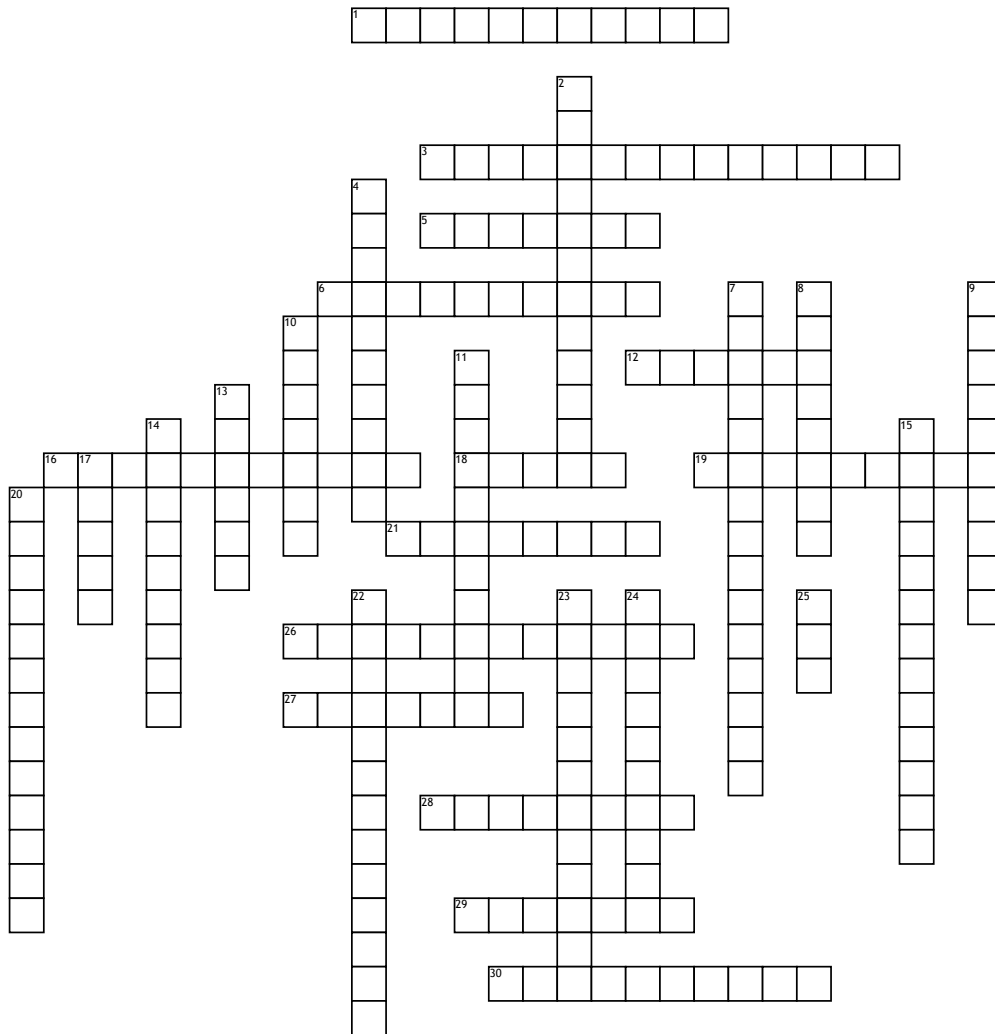


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Small engines



## Across

1. The main structure of an engine which maintains and supports the engine
3. Remover flywheel
5. The fourth stroke of the four stroke cycle
6. A Charging device that produces AC voltage and Amperage
12. The first of the four stroke cycle
16. Test conditions of a ignition system
18. The rate Which Work is done
19. a \_\_\_ material is a material capable of posing a health risk
21. A engine component that pressurizes the fuel system to advance fuel from the tank to the carburetor
26. Is the process that changes liquid to a vapor

27. Is the flow of electrons moving past one point in a circuit
28. Maintains a desired engine speed regardless of the load applied to the engine
29. An electric energy storage device
30. Provides the required air-fuel mixture to the combustion chapter based on engine operating speed and load

## Down

2. Where the products of burned gas leave the engine
4. A fuel system component that removes foreign particles
7. A liquid the has a flash point below 100 degrees is a
8. A storage device to hold fuel for an engine.

9. Converts linear motion of the piston into rotary motion
10. handsaw used to Cut Metal
11. The second stroke of the four stroke cycle
13. The ability of the fuel to resist engine knock
14. Houses and supports the crankshaft
15. Connects the engine to the crankshaft
17. The third stroke of the four stroke cycle
20. A reciprocating Internal combustion engine that ignites fuel by high combustion
22. Connects armature to spark plug
23. An electric motor that drives the engine motor when starting
24. The power produced by an engine is measured in
25. Abbreviation for liquefied petroleum gas

## Word Bank

|            |                  |                |                 |             |               |
|------------|------------------|----------------|-----------------|-------------|---------------|
| Octane     | Vaporization     | Hazardous      | hacksaw         | Compression | Fuel Tank     |
| Intake     | Crankshaft       | SparkPlugWire  | Spark Tester    | Fuel Filter | LPG           |
| Current    | Flammable Liquid | Governor       | Connecting Rod  | Alternator  | Starter Motor |
| Carburetor | Power            | Fuelpump       | Exhaust         | Horsepower  | Crankcase     |
| Battery    | Exhaust Valve    | Diesel Engines | Flywheel Puller | power       | Engine Block  |