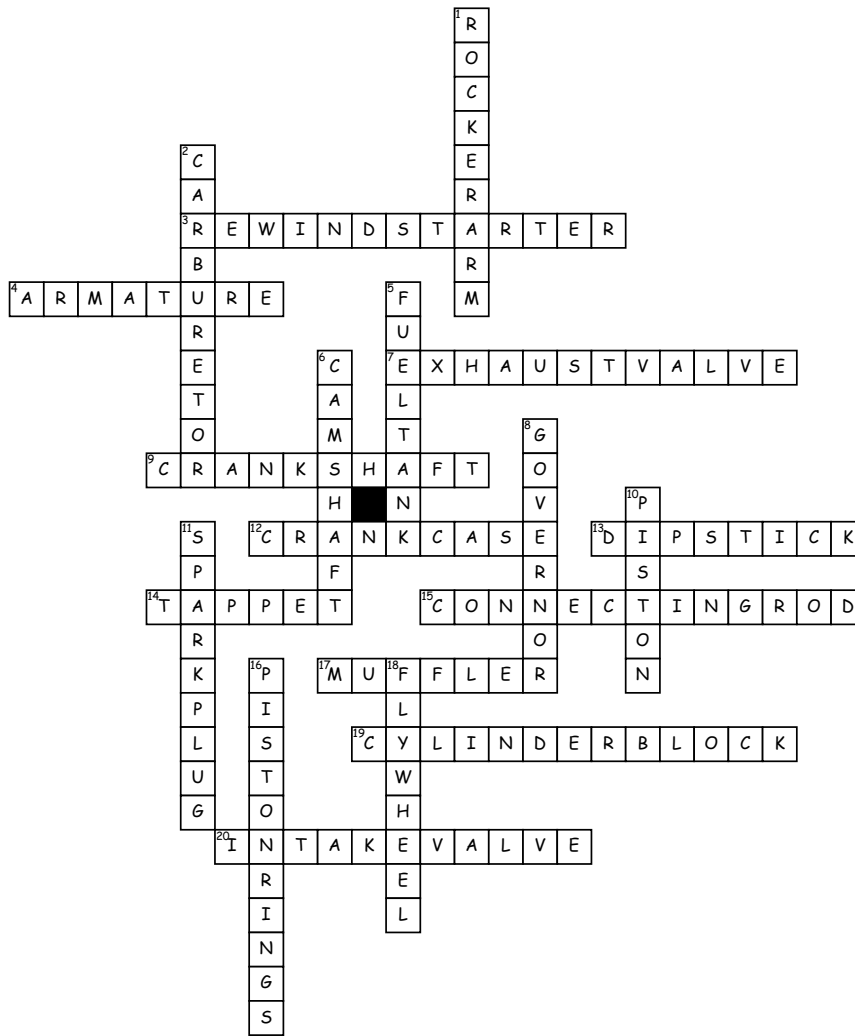


Name: _____

Date: _____

Small Engines Parts



Across

3. Mechanical starter that commonly consists of a rope, pulley and return spring used to manually rotate the crankshaft to start an engine
4. Rotating part of an electric motor consisting of an iron core or magnet
7. Where the products of burned gas leave the engine
9. Converts linear motion of the piston into rotary motion
12. Houses and supports the crankshaft
13. A graduated rod for measuring the depth of a liquid, especially oil in an engine
14. A sliding rod, intermittently struck by the cam, for moving another part, as a valve.

15. Transfers motion from the piston to the crankshaft and functions as a lever arm
17. Subdues noise produced from exhaust gases exiting the combustion chamber
19. Part of engine that contains the cylinder bore and valve train components
20. Allows air-fuel mixture to be drawn into the combustion chamber

Down

1. Acts as a pivoting device for opening and closing overhead valves
2. Provides the required air-fuel mixture to the combustion chamber based on engine operating speed and load
5. A storage device to hold fuel for an engine.

6. Includes the cam gear, cam lobes and bearing surfaces
8. Maintains a desired engine speed regardless of the load applied to the engine
10. Cylindrical component that slides back and forth in the cylinder bore by forces produced during the combustion process
11. Isolates the electricity induced in the secondary windings and directs a high voltage charge to the spark gap at the tip of the spark plug
16. Expandable split ring used to provide a seal between the piston and the cylinder wall
18. Mounted at one end of the crankshaft to provide inertia for the engine

Word Bank

Tappet	Spark Plug	Flywheel	Exhaust Valve	Dipstick
Governor	Piston Rings	Cylinder Block	Connecting Rod	Piston
Fuel Tank	Muffler	Armature	Camshaft	Crankcase
Intake Valve	Crankshaft	Rocker Arm	Carburetor	Rewind Starter