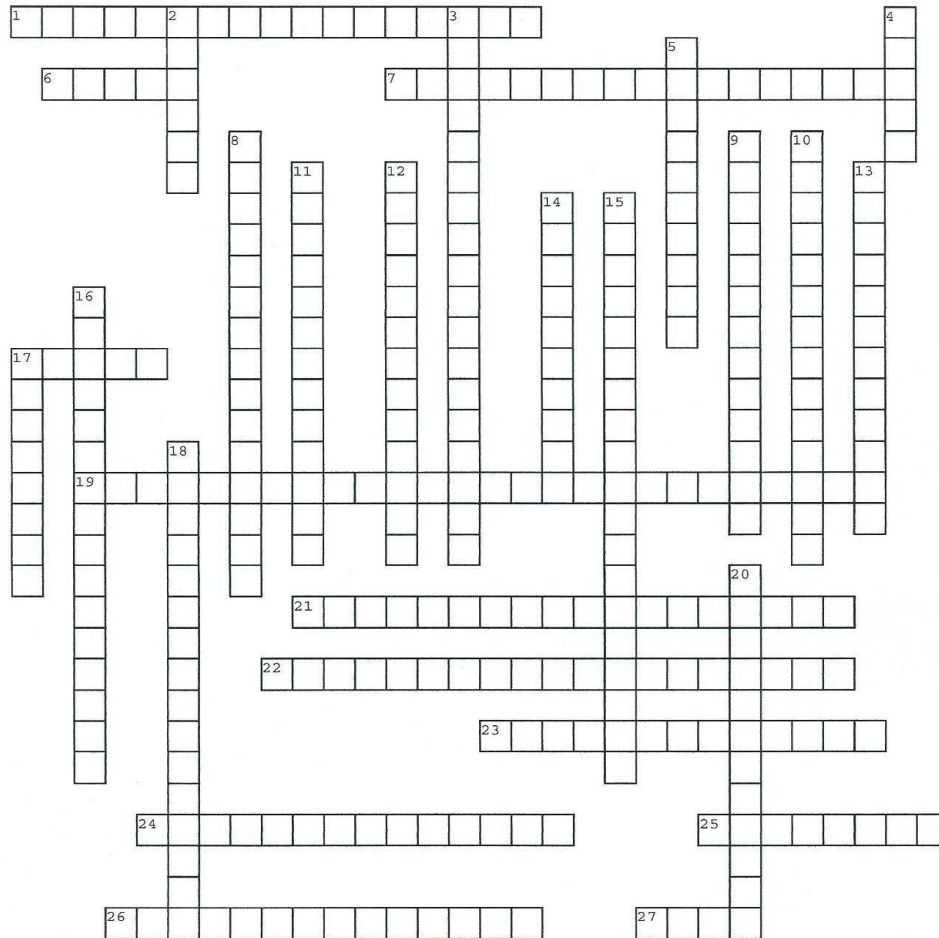


Lesson2_Crossword Puzzle

Name _____

Complete the crossword below



Across

1. An internal combustion engine where two crankshaft revolutions are required to complete one cycle of events. (3 words)
6. An engine design using two banks of cylinders that horizontal
7. Difference in the cylinder volume when the piston is at the bottom of the stroke to the volume in the cylinder above the piston when the piston is at the top of the stroke. (2 words)
17. A complete series of events that continually repeat
19. Engine that converts chemical energy into heat energy within a chamber
21. When the piston reaches the lowest point of the stroke (3 words)
22. An internal combustion engine that is neither turbocharged nor supercharged (2 words)
23. A pump driven by the engine, forces oil through filter and then into passages in the crankshaft and block. (2 words)
24. Attaches the piston to the crankshaft (2 words)
25. The valves of a pushrod engine are opened by a _____
26. Also called Cam-in-block, when camshaft is located in the block, and valves are operated by lifters, pushrods, and rocker arms. (2 words)
27. Diameter of a cylinder

Down

2. The distance the piston travels down in the cylinder
3. Where chemical energy is converted to heat energy
4. The solid frame or foundation of an engine
5. Chemical energy in fuel is converted to heat energy by the burning of fuel at a controlled rate
8. When the piston reaches the uppermost position in the cylinder (3 words)
9. A Rotary Engine; An internal-combustion engine in which power is transmitted directly to rotating components (2 words)
10. Another name for OHV or Cam-in-block design (2 words)
11. How burned gases from a cylinder escape into the manifold (2 words)
12. One way movement from top to bottom or bottom to top of cylinder (2 words)
13. A gas compressor that forces more air into the combustion chamber of an internal combustion engine
14. Converts the force created by the engine's pistons moving up and down into a force that moves the wheels in a circular motion
15. Also called a pushrod engine (4 words)
16. The output created by mechanical force (2 words)
17. The chamber in which a piston of a reciprocating engine moves
18. Pressure developed within the combustion chamber, applied to the head of a piston (2 words)
20. Allows air fuel mixture into cylinders