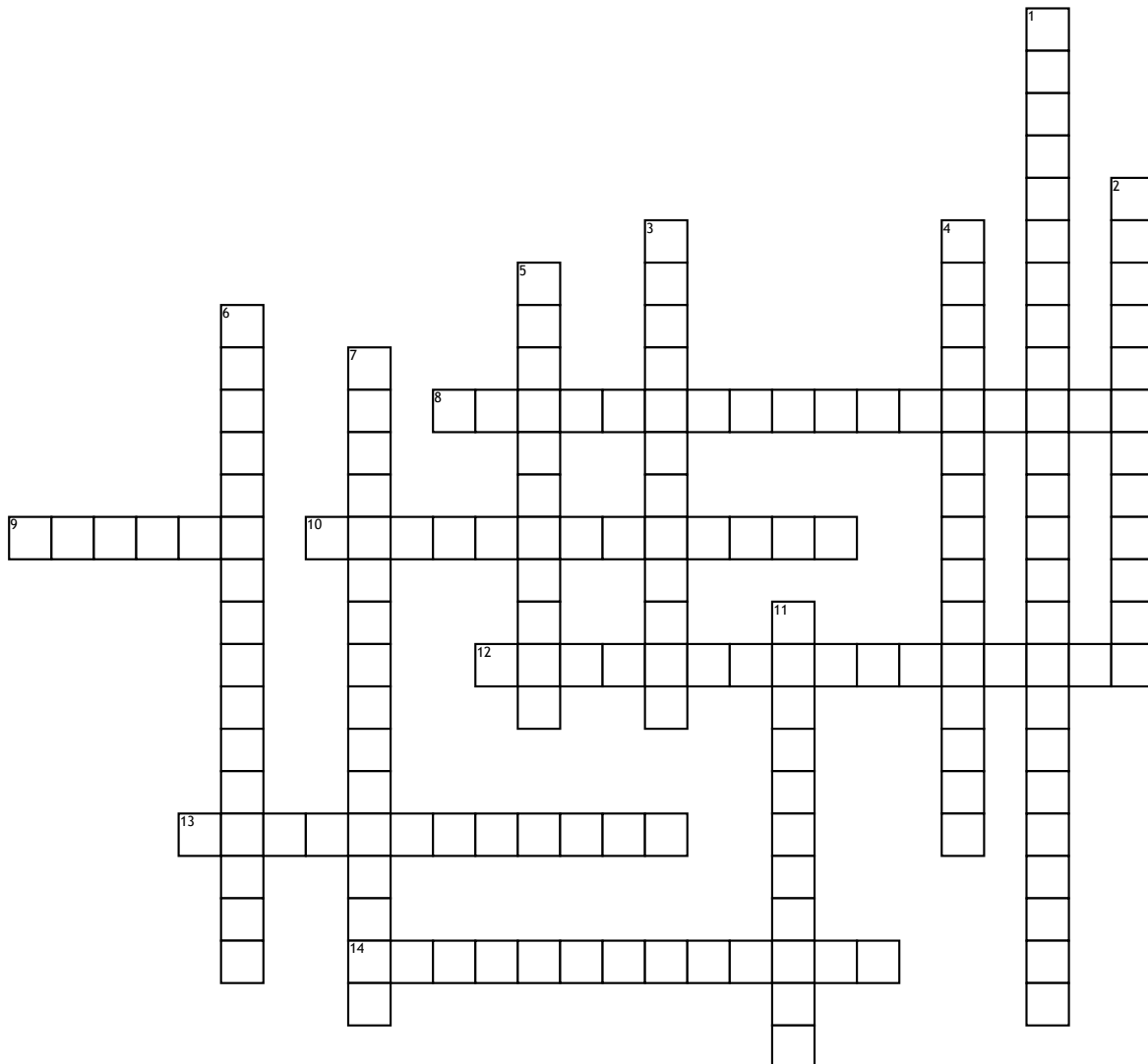


Name: _____

Date: _____

Small Gas Engines Chapter #5



Across

8. the volume of a combustion chamber at end of the compression stroke as compared to the volume of the cylinder and chamber with the piston at bottom dead center

9. the movement of a piston in the cylinder from one end to the other

10. the point at which the piston is at its upper most position on the compression stroke

12. a combustion cycle that consists of an intake, a compression, a power, and an exhaust stroke

13. an interval expressed in degrees where both valves of an engine cylinder are open at the same time

14. the piston stroke during which the exhaust valve opens and the rising piston pushes the exhaust gases from the cylinder

Down

1. a type of engine in which an air/ fuel mixture is ignited and burned within the engine

2. the piston stroke in which the piston travels downward in the cylinder with the intake valve open

3. the portion of the air-fuel charge that flows out through the open exhaust port as it pushes the exhaust gases from the cylinder

4. an engine design that produces one power stroke for each revolution of the crankshaft

5. The process of breaking gas into tiny droplets and mixing with air to produce the rapid burning required in an engine

6. The volume of a combustion chamber at end of the compression stroke

7. the lowest point of piston travel

11. The piston stroke that occurs when both valves are in the closed position and the force of combustion drives the piston downward