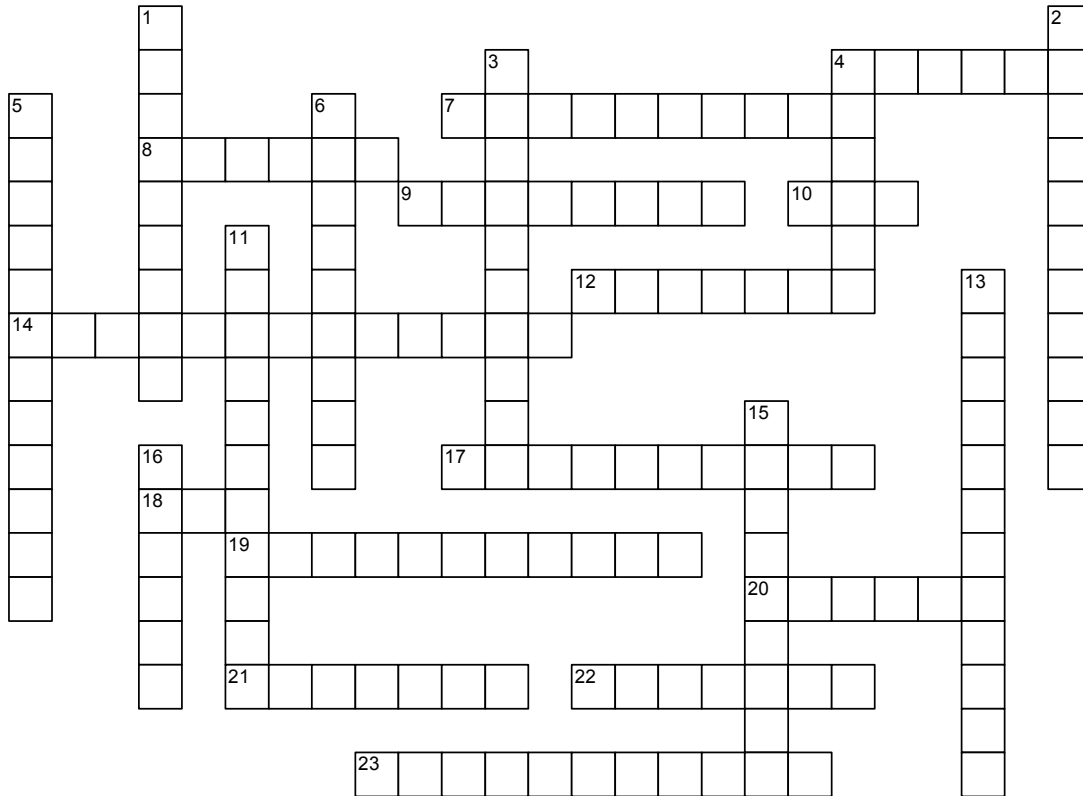


Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

## Gasoline Engine Operation



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### Across

- 4 All cylinders in a row
- 7 Burning of fuel at a controlled rate
- 8 Rotating force
- 9 Overhead cam engines do not have these
- 10 Opens the engine valves
- 12 Wheel in the hot side of a turbocharger
- 14 Connects the piston assembly to the crankshaft
- 17 What determines engine stroke
- 18 Number of camshafts in an SOHC V-6
- 19 Decreasing volume in a cylinder
- 20 A supercharger is driven by this
- 21 The piston moves upward during this stroke
- 22 Horizontally-opposed engine design
- 23 Cools intake air

### Down

- 1 One pound of force acting over one foot of distance equals one \_\_\_\_\_
- 2 Metric unit for torque
- 3 Unit of measurement for engine power
- 4 Drawing a mixture of air and fuel into the cylinder
- 5 Powered by the exhaust gas stream
- 6 1 in. x 1 in. x 1 in.
- 11 Moving up and down
- 13 Volume swept by the engine's pistons
- 15 Limits turbocharger output
- 16 Distance the piston travels