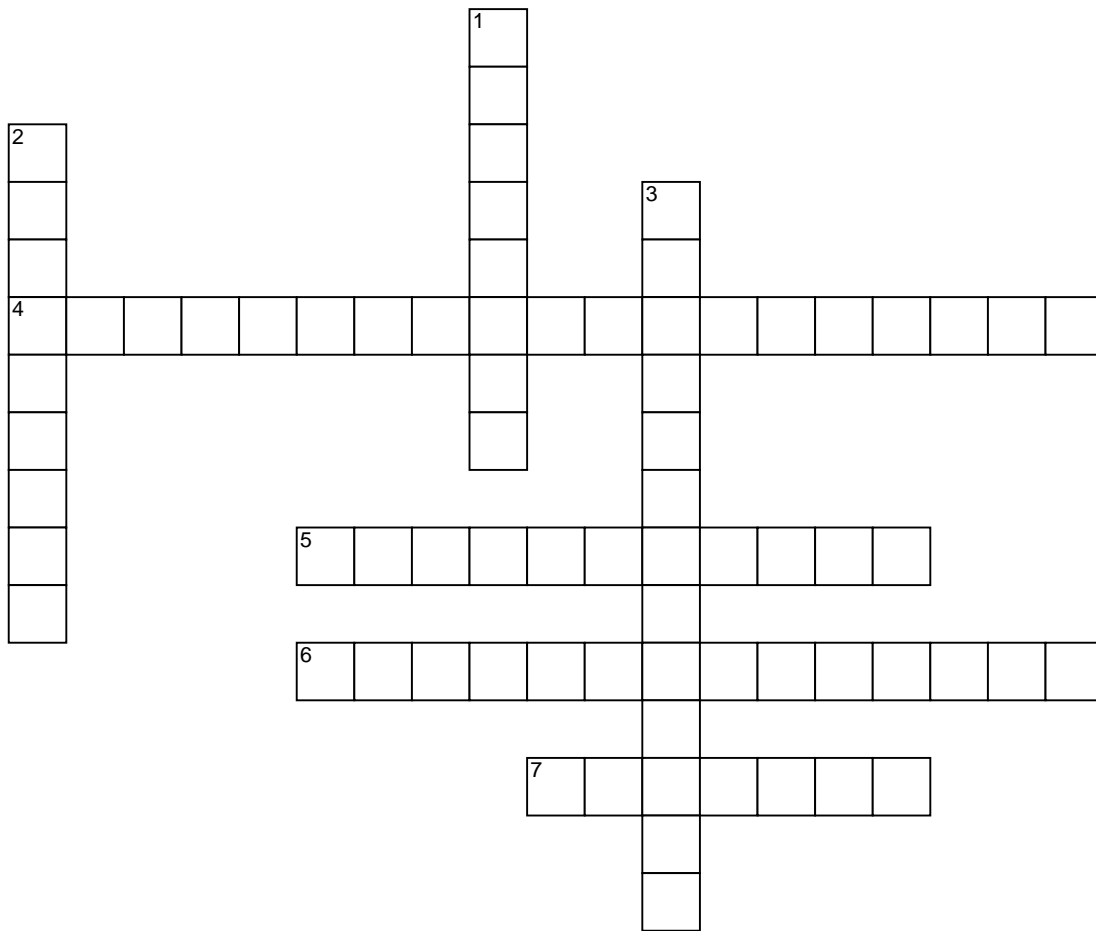


Chapter 3

Cylinder Heads and Valve Trains



ACROSS

- 4 _____ is the clearance between the tip of the valve and the rocker arm or camshaft which allows for expansion of the valve during engine operation.
- 5 _____ is a hole or insert in the cylinder head in which supports the valve as it moves up and down.
- 6 Oil return passages.
- 7 _____, also called crossheads, bridges are similar to rocker arms and are used in many diesel engines to span two valves from one pushrod.

DOWN

- 1 _____ is an alloy of nickel, chromium, and tungsten that is nonmagnetic.
- 2 _____ is the clearance between the tip of the valve and the rocker arm or camshaft which allows for expansion of the valve during engine operation.
- 3 _____ is the number of degrees by which the crankshaft rotates when the valve is off the valve seat.