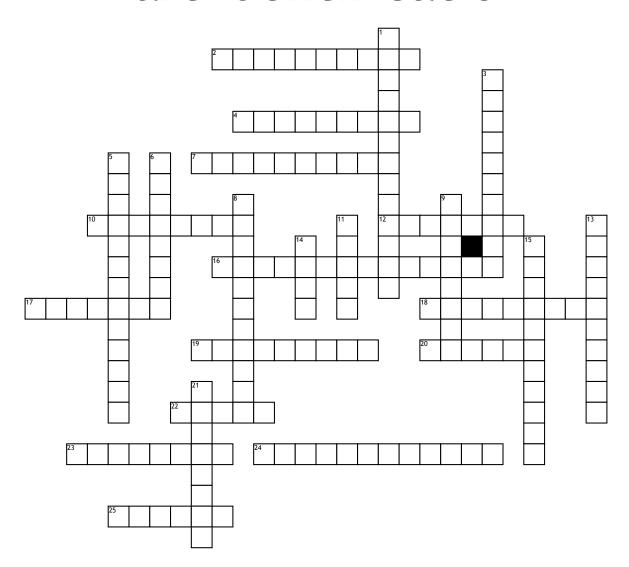
Name:	Date:	Period:

Part Identification



Across

- 2. Mixes air with fuel creating a mixture
- **4.** Removes impurities from the incoming air before reaching the carburetor
- **7.** Converts linear motion of the piston into rotary motion
- **10.** Connects the piston to the connecting rod
- **12.** Holds the wrist pin in place inside the piston
- **16.** Part of the crankshaft where the flywheel is attached
- 17. The stroke of spent gases being pushed out
- **18.** Causes the electrical current to jump a gap and create a spark

- **19.** Main bolts that attach the head to the engine block
- **20.** The first of the four stroke cycle
- **22.** The third stroke of four stroke cycle
- **23.** Place where piston travels to compress fuel and air
- **24.** Allows spent gases to exit the cylinder when open
- **25.** Cylindrical object that travels up and down within cylinder

<u>Down</u>

- 1. Connects the piston to the crankshaft
- **3.** Part of the crankshaft where the load or work is attached to
- 5. Connects armature to spark plug

- **6.** Turned by the gear on the crankshaft, turns once for every 2 revolutions of the crankshaft
- **8.** Takes in air/fuel mixture to the cylinder when open
- **9.** The offset part of the crankshaft, creates the stroke of the engine
- 11. Main structure of engine ENGINE
- **13.** Creates seal between head and engine block
- **14.** Head fastened to the end of the cylinder block away from the crank case CYLINDER
- **15.** The stroke where the air fuel mixture is compressed
- **21.** Helps regulate the amount of fuel required by engine