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Power Mech

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| **Across**  **3.** used to properly place crank shaft and cam shaft  **6.** purpose of the flywheel  **8.** fins on the motor are for this  **16.** chemical energy changes to  **18.** cam shaft connect to the crank on the  **19.** attached to the piston so no air escapes past  **20.** where the pull rope wines into  **21.** used as lubercation  **22.** this converts reciprocating motion into rotary motion  **23.** holds the spring on the valve  **26.** pushes down on the valve to open  **27.** opens to allow air/fuel mixture to enter cylinder  **28.** quiets the noise of a motor | **Down**  **1.** another fuel for internal combustion motors  **2.** fuel for internal combustion motors  **4.** distributes fuel to cylinder  **5.** this helps balance the crank shaft  **7.** this is closed during intake stroke  **9.** secures the piston to the connecting rod  **10.** pull to start most small engines  **11.** connects piston to the crankshaft  **12.** the bottom part of the piston  **13.** where the crank shaft is located  **14.** this shaft rotates to open and close valves  **15.** cleans the air before entering carburator  **17.** generates spark to ignite fuel mixture  **24.** the lump on the cam shaft  **25.** keeps oil from leaking out of the engine |