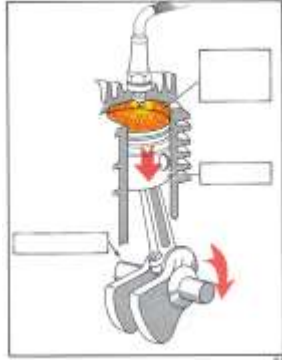


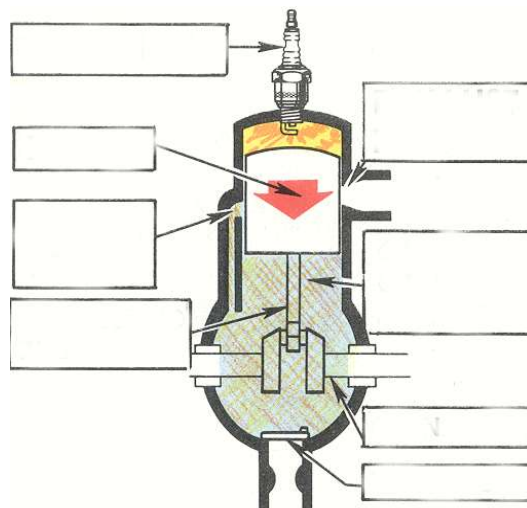
Small Gas Engine

Worksheet #1


- 1) List four applications for small engines; _____, _____, _____, _____.
- 2) Approximately this many _____ small engines are in use in North America today.
- 3) The three basic operating positions of crankshafts in small engines are; _____, _____, & _____.
- 4) The four principal events that must occur to make an internal combustion engine work continuously are as follows; _____, _____, _____, & _____.
- 5) All crankshafts operate at a (n) _____ to the cylinder.
- 6) Label the following diagram;



- 7) Most lawn mowers use _____ crankshaft engines because they are well adapted to mounting the blade.
- 8) In a four stroke cylinder engine the fuel-air mixture is compressed to _____ of its volume in the compression stroke.
- 9) The full travel of the piston in one direction - either toward the crankshaft or away from the crankshaft is called a _____.
- 10) The two basic engine types are _____, & _____.
- 11) About this many new small engines come off the assembly line each year _____.
- 12) Most troubles with small engines are generally due to lack of proper _____, _____, _____, or _____.
- 13) The speed of a small engine when it is operating is around _____ r.p.m.
- 14) Multi-position crankshaft engines are often used in _____.
- 15) Label the following diagram;



(a) STROKE I — POWER

Over 

- 16) One method of identifying an engine type is to look for an oil _____ and

