1. The purpose and function of an engine is to convert the _______ of burning fuel into mechanical energy.  
   Page 153

2. All automotive and truck engines are constructed using a solid frame, called a:  
   A. Chassis  
   B. Unit Body  
   C. Cylinder Block  
   D. Casting  
   Page 153

3. What is a flat head engine?  
   __________________________  
   __________________________  
   __________________________  
   __________________________  
   Page 153
4. All engines use a ___________ to seal the top of the cylinders, which are in the engine block.

5. ______ and ______ enter the engine through the intake manifold and exit through the exhaust manifold.

6. ______ is continuously circulated through the cooling system and the temperature is controlled by the thermostat.

7. An __________, which is driven by the engine, forces the oil through the oil filter and then into passages in the crankshaft and the block.

8. Name the parts of an automotive gasoline engine fuel system.

_________________________________________________________
_________________________________________________________
_________________________________________________________
_________________________________________________________
_________________________________________________________

8. Name the parts of an automotive gasoline engine fuel system.

_________________________________________________________
_________________________________________________________
_________________________________________________________
_________________________________________________________
_________________________________________________________

9. Name the four strokes of the four-stroke cycle engine.

___________
___________
___________
___________
10. __________ is the cubic inch (cu. in.) or cubic centimeter (cc) volume displaced or how much air is moved by all of the pistons.  

11. __________ is the term used to describe a rotating force that may or may not result in motion.  

12. The term __________ means the rate of doing work.  

13. One cylinder of an automotive four-stroke cycle engine completes a cycle every __________.  
   A. 90°  
   B. 720°  
   C. 360°  
   D. 180°  

14. __________ may be mounted in the vehicle either parallel with the Length of the vehicle (longitudinally) or crosswise (transversely).