Name_____ Date:_____

Engine Displacement:

1. What is the formula for engine displacement?

2. An in-line engine has a bore of 2.97" and a stroke of 3.51". Calculate the cylinder displacement in both metric (cc) and customary (in^3).

3. An in-line engine has a bore of 3.01" and a stroke of 3.41" and 4 cylinders. Calculate the cylinder displacement in both metric(cc) and customary (in^3).

4. An in-line engine has a bore of 3.10", a stroke of 3.41", and it has 6 cylinders. Calculate the engine displacement in both metric (cc) and customary (in^3).

5. An in-line engine has a bore of 3.12" and a stroke of 3.47", and it has 8 cylinders. Calculate the engine displacement in both metric (cc) and customary (in^3).

6. What is the term that describes the volume swept out when the piston moves from one end of the cylinder to the other?

7. Theoretically, does a 4.6 liter engine have a larger diameter cylinder than a 3.2 liter engine, if they have the same stroke, and same no. of cylinders?