1. The two purposes of a drive axle assembly are: Page ____

2. ___________ gear sets are gear sets with final drive ratios expressible Page ____
as a whole number.

3. A ___________ differential distributes torque to both wheels equally or Page ____
equally, allowing the wheels to turn at the same or at different speeds.

4. The _______ differential is a torque sensing, locking design that uses a set Page ____
of worm side gears in mesh with individual worm wheel pinions that
are supported by the differential case.

5. The drive pinion gear of the differential is driven by a flange often called a _____________ flange. Page ____
6. You can vary the pinion depth adjustment by changing the thickness of a _____________

7. Because all differentials use ______________, a special lubricant is necessary because the gears both roll and slide between their meshed teeth.

8. Excessive _____________ between the drive pinion and the ring gear can cause driveline clash noise during a gear selector change.

9. Limited-slip differentials (often abbreviated LSD) usually use an additive that modifies the friction characteristics of the rear axle lubricant to prevent ______________while cornering.

10. Ring gear runout should be less than 0.002 inch (0.05 mm) as measured by a ______________.