Please work out the ten (10) problems stated below – **Show** work and **explain** reasoning.

1. Exercise 5.1.
2. Exercise 5.2.
3. Exercise 5.3.
4. Exercise 5.4.
5. Exercise 5.5.
7. Exercise 5.7.
8. Exercise 5.8.
Exercise 5.8
9. ____________________________________________

Exercise 5.9
10. ____________________________________________

Exercise 5.10