

Partial Solutions/Hints for Exam I

1.
 - a. 3, NL
 - b. 2, L
 - c. 1, NL
 - d. 2, NL
 - e. 3, NL
2. The equations is separable.
3. The equations is linear.
4. The equation is exact.
5. The equations is homogeneous.
6. The equation is separable.
7. The equation is linear.
8. The equation is exact.
9. The equation is a Bernoulli equation.