**Properties of Definite Integrals**

|  |  |  |
| --- | --- | --- |
| 1. a.  b.  2.  3. | |  |
| 4. a. | b. | |

5. Given , , , find each of the following.

a.  b. 

c.  d. 

**General Solutions vs. Particular Solutions**

|  |  |
| --- | --- |
| 1. A General Solution Example)   Given , find y.   1. A Particular Solution Example)   Given  and , find y.  3. Find  where  and |  |

4 . Given the data , , and , find .