**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 .