**1. Complete the following statement.**

|  |  |
| --- | --- |
| **a.** |  |
| **b.** | The domain of the composite function is the set of all such that: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |

**2. Write T for true or F for false**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |

**Multiple Choices**

**3.** **If**  **and then is:**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |

**4. If**  **and , then is:**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |

**5. If**  **and , then is:**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |

**ANSWERS**

**1. Complete the following statement.**

|  |  |
| --- | --- |
| **a.** |  |
| **b.** | The domain of the composite function is the set of all such that: is in the domain of andis in the domain of . |

**2. Write T for true or F for false**

|  |  |  |
| --- | --- | --- |
| **a.** |  | **F** |
| **b.** |  | **T** |

**Multiple Choices**

**3.** **If**  **and then is:**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |

**4. If**  **and , then is:**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |

**5. If**  **and , then is:**

|  |  |  |
| --- | --- | --- |
| **a.** |  |  |
| **b.** |  |  |
| **c.** |  |  |