AP Calculus Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Integration By Parts (2) Additional Techniques of Integration Day 5

Evaluate the integral

|  |  |
| --- | --- |
| 1.   | 2.  |
| 3.  | 4.  |
| 5.  | 6.  |

AP Calculus Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Integration By Parts (2) Additional Techniques of Integration Day 5

Evaluate the integral

|  |  |
| --- | --- |
| 7.   | 8.  |
| 9.  | 10.  |
| 11.  | 12.  |

AP Calculus Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Integration By Parts (2) Additional Techniques of Integration Day 5

Evaluate the integral

|  |  |
| --- | --- |
| 13.   | 14.   |
| 15.   | 16.   |

AP Calculus Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Integration By Parts (2) Additional Techniques of Integration Day 5

**Review:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| R1. What is

|  |  |
| --- | --- |
| a. | -1 |
| b. | 0 |
| c. | 1 |
| d. | 2 |
| e. | The limit does not exist |

 | R2. If  and  and , what is ?

|  |  |
| --- | --- |
| a. | -1 |
| b. | 0 |
| c. | 1 |
| d. | e |
| e. | The limit does not exist |
|  |  |

 |
| R3.

|  |  |
| --- | --- |
| a. | -1 |
| b. | 0 |
| c. | 1 |
| d. |   |
| e. | The limit does not exist |

 | R4.

|  |  |
| --- | --- |
| a. | 1 |
| b. | 2 |
| c. |   |
| d. | 0 |
| e. |  |

 |

**Answers:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1. |   | 2. |   | 3. |   | 4. |  |
| 5. |   | 6. |   | 7. |   | 8. |   |
| 9. |  | 10. |   | 11. |   | 12. |   |
| 13. |   | 14. |   | 15. |   | 16. |   |
| R1. | C | R2. | B | R3. | B | R4. | B |