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 |