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

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

Evaluate the integral

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. | 6. |
| 7. | 8. |

Evaluate the integral

|  |  |
| --- | --- |
| 9. | 10. |
| 11. | 12. |
| 13. | 14. |

**Answers:**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | (u-substitution) | 2. | (Parts) |
| 3. | (PFD) | 4. | (u-substitution) |
| 5. | (Parts) | 6. | (Parts) |
| 7. | (u-substitution) | 8. | (Trig. all even) |
| 9. | (Trig. Odd) | 10. | (u-substitution) |
| 11. | (simplify & integrate) | 12. | (traditional division) |
| 13. | (Parts) | 14. | (u-substitution |