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

Supplement: Trigonometric Integrals Additional Techniques of Integration Day 1

Evaluate the integral

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |

Evaluate the integral

|  |  |
| --- | --- |
| 5. Find the area of the shaded region: | 6. |

**Answer Key**

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