8.3: Trigonometric Integrals

Learning Objectives.   Upon successful completion of Section 8.3, you will be able to. . .

- Answer conceptual questions involving trigonometric integrals.

- Evaluate indefinite integrals involving powers of sine and cosine.

- Evaluate definite integrals involving powers of sine of cosine.

- Evaluate indefinite integrals involving powers of tangent and secant or cotangent and cosecant.

- Evaluate definite integrals involving powers of tangent and secant or cotangent and cosecant.

- Use trigonometric integrals to find areas, volumes, or arc length.

Title