

8.4: Trigonometric Substitutions

Learning Objectives. Upon successful completion of Section 8.4, you will be able to...

- Answer conceptual questions involving trigonometric substitutions.
- Evaluate indefinite integrals involving trigonometric substitution.
- Evaluate definite integrals involving trigonometric substitution.
- Find area and volume for regions involving integrals requiring trigonometric substitution.
- Complete the square to solve integrals involving trigonometric substitution.

Title