Chapter 4 Study Check

Use the chart below to help you assess the skills and processes you have developed during Chapter 4. The references direct you to pages in *Pre-Calculus 12 Student Workbook* where you can review the skill.

Big Idea	Skills	Things to Remember
Demonstrate an understanding of angles in standard position, expressed in degrees and radians pages 109–119	Sketch angles in standard position measured in degrees and radians pages 110–111	
	Determine the measures of angles that are coterminal with a given angle page 112	
	Solve problems involving arc lengths, central angles, and the radius of a circle page 113	
Develop and apply the equation of the unit circle pages 120–128	Determine the coordinates of points on the unit circle page 121	
	Use symmetry and patterns to locate the coordinates of points on the unit circle page 122	
Solve problems using the six trigonometric ratios for angles expressed in radians or degrees pages 129–137	Relate the trigonometric ratios to the coordinates of points in the unit circle page 130	
	Determine exact and approximate values for trigonometric ratios page 131	
	Identify the measure of angles that generate specific trigonometric values page 132	
Algebraically solve first-degree and second-degree trigonometric equations in radians and degrees pages 138–144	Solve first-degree trigonometric equations page 139	
	Solve second-degree trigonometric equations page 140	