

Skills and Concepts to Enhance (73% Probability*) 261 - 270	Skills and Concepts to Develop (50% Probability*) > 270
Geometric Measurement and Relationships <ul style="list-style-type: none"> • Determines slope from an equation (analysis) • Using the slope of an equation, identifies parallel and perpendicular lines • Determines the slope of perpendicular lines • Defines pi and knows common estimates (3.14 and 22/7) • Solves problems involving complex figures (e.g., triangle, parallelogram) • Solves real-world problems involving surface area 	Geometric Measurement and Relationships
Congruence, Similarity, Right Triangles, & Trig <ul style="list-style-type: none"> • Determines sine of an angle in a given right triangle • Determines cosine of an angle in a given right triangle • Determines tangent of an angle in a given triangle • Uses trigonometric methods to solve mathematical problems involving triangles • Uses properties of angles to solve mathematical problems • Uses the properties of 30-60-90 triangles to solve problems 	Congruence, Similarity, Right Triangles, & Trig <ul style="list-style-type: none"> • Uses trigonometric methods to solve mathematical problems involving triangles
<i>New Vocabulary:</i> trigonometric relationship	<i>New Vocabulary:</i> None
<i>New Signs and Symbols:</i> cos cosine, sin sine, tan tangent	<i>New Signs and Symbols:</i> None

Explanatory Notes

* At the range mid-point, this is the probability students would correctly answer items measuring these concepts and skills. Both data from test items and review by NWEA curriculum specialists are used to place Learning Continuum statements into appropriate RIT ranges. Blank cells indicate data are limited or unavailable for this range or document version.