

## **M155 Standards**

G-SRT.C

### **Similarity, Right Triangles, and Trigonometry G-SRT**

#### **Define trigonometric ratios and solve problems involving right triangles**

6. Understand that by similarity, side ratios in right triangles are properties of the angles in the triangle, leading to definitions of trigonometric ratios for acute angles.
  
7. Explain and use the relationship between the sine and cosine of complementary angles.
  
8. Use trigonometric ratios and the Pythagorean Theorem to solve right triangles in applied problems.\*