<mark>Trigonometry</mark>

Adjacent Leg- in a right triangle, the side of the angle that is not the hypotenuse.

Angle of Depression- the angle between a horizontal line and a line of sight to an object below the horizontal line.

Angle of Elevation- the angle between a horizontal line and a line of sight to an object above the horizontal line.

Cosine- the ratio of the length of the leg adjacent to the angle and the length of the hypotenuse

Hypotenuse- the side opposite the right angle in a right triangle

Law of Cosines- a set of relations in trigonometry that helps to solve oblique triangles.

Law of Sines- in a triangle, the ratios of the sine of any angle and the side opposite it are equal.

Opposite Leg- in trigonometry, the leg opposite the angle in question.

Sine- in a right triangle, the ratio of the length of the leg opposite the angle to the length of the hypotenuse.

Tangent (trigonometry) - the ratio of the length of the opposite leg to the length of the adjacent side

Trigonometric Ratio-a ratio of the lengths of two sides of a right triangle.

Trigonometry- the study of relationships of the sides and angles of triangles