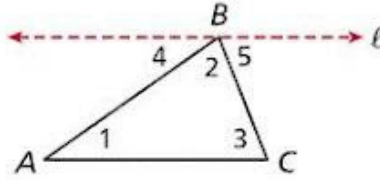


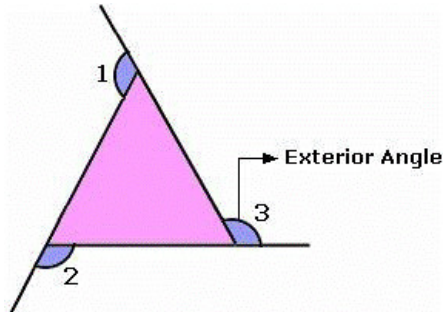
1. **Angle of Depression** The angle formed by a horizontal line and a line of sight to a point below the line.
2. **Angle of Elevation** The angle formed by horizontal line and a line of sight to a point above the line.
3. **Auxiliary Line**



A line that is added to a figure to aid in a proof.

4. **Cosine** In a right triangle, the ratio of the length of the leg adjacent to the angle to the length of the hypotenuse.

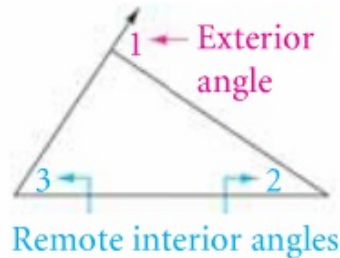
5. **Exterior Angle of a Polygon**



An angle formed when one side of the polygon is extended

6. **Pythagorean Triple** A set of three positive integers  $a$ ,  $b$ , and  $c$  that satisfy the equation  $c^2 = a^2 + b^2$ .

7. **Remote Interior Angles**



An interior angle that is not adjacent to the exterior angle

8. **Sine** In a right triangle, the ratio of the length of the leg opposite the angle to the length of the hypotenuse.
9. **Tangent** In a right triangle, the ratio of the length of the leg opposite the angle to the length of the leg adjacent to the angle.
10. **Trigonometric Ratios** A ratio of the lengths of two sides in a right triangle to the angle.