

1. angle of depression	the angle between the horizontal and the line of sight, looking down
2. angle of elevation	the angle between the horizontal and the line of sight, looking up
3. compass bearing	a direction shown by points on a compass, such as north (N), south (S), west (W), east (E), NE, NW, SE and SW
4. compass radial survey	a survey where a compass is placed in the middle of a field and the true bearing and distance to each corner is measured
5. cosine	a ratio in a right-angled triangle of the adjacent side divided by the hypotenuse
6. cosine rule	a trigonometric formula used for triangle problems involving 3 sides and 1 angle
7. included angle	the angle between two sides on a triangle
8. non right-angled	any angle that is not 90 degrees
9. non right-angled triangle	a triangle with no 90 degree angles
10. obtuse angle	an angle between 90 degrees and 180 degrees
11. offset survey	a method of measuring lengths in an irregularly shaped field, using offsets to each corner of the field from a traverse line
12. quadrant	a quarter of a circle
13. radial survey	a survey where a table is placed in the middle of a field and the angle and distance to each corner are measured; also known as a plane table survey
14. right-angled	an angle of 90 degrees
15. sine	a ratio in a right-angled triangle of the opposite side divided by the hypotenuse
16. sine rule	a trigonometric formula used for triangle problems involving 2 sides and the 2 angles opposite them
17. tangent	a ratio in a right-angled triangle of the opposite side divided by the adjacent side
18. trigonometric ratio	ratios that relate the sides of a right triangle to its angles; specifically, they are ratios of two sides of a right triangle and a related angle
19. true bearing	a direction expressed as a three-digit angle measured clockwise starting from north