Download Angle Of Elevation And Depression Formula

The angles of elevation and depression are marked as x^o and y^o respectively. Angle of Elevation Angle of elevation is the angle formed by the line of sight of an observer with the horizontal while he is viewing an object upward.Angles of Elevation and Depression. The angle of elevation of an object as seen by an observer is the angle between the horizontal and the line from the object to the observer's eye (the line of sight). If the object is below the level of the observer, then the angle between the horizontal and the observer's line of sight is called the angle of depression.Formula. The angle of depression may be found by using this formula: tan y = opposite/adjacent. The opposite side in this case is usually the height of the observer or height in terms of location, for example, the height of a plane in the air. The adjacent is usually the horizontal distance between the object and the observer.Formula: The opposite side, in this case, is usually the height of the observer or height in terms of location. At the angle of depression, the observer's line of sight would be above the horizontal. In simple, If you are viewing at an object below the horizon then the angle between the horizontal and your line of sight is the angle of depression., Angle Of Elevation And Depression Formula.

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