**Mathematics Model**

**Different Types of Angles**

**Aditya**

An angle is formed when two straight lines or rays meet at a common endpoint. The common point of contact is called the vertex of an angle.

**Aryan**

**Parts of angle**

* **Vertex**: A vertex is a corner of an angle, a point where two lines/sides meet. O is the vertex in the given figure.
* **Arms:** The two sides of the angle, joined at a common endpoint. OA and OB are arms of an angle.

**Mukul**

**Types of Angles**

* An [**acute angle**](https://www.splashlearn.com/math-vocabulary/geometry/acute-angle) measures [less than](https://www.splashlearn.com/math-vocabulary/counting-and-comparison/less-than) 90° at the vertex.
* An [**obtuse angle**](https://www.splashlearn.com/math-vocabulary/geometry/obtuse-angle) is between 90° and 180°.
* A [**right angle**](https://www.splashlearn.com/math-vocabulary/geometry/right-angle) precisely measures 90° at the vertex.
* An angle measuring exactly 180° is a [**straight angle**](https://www.splashlearn.com/math-vocabulary/geometry/straight-angle).
* A **reflex angle** measures between 180°- 360°.