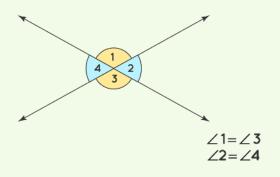
## **Vertical Angles**

## Defination

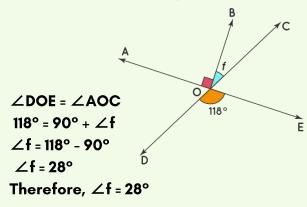
Vertical angles are a pair of opposite angles formed by intersecting lines.



In the figure,  $\angle 1$  and  $\angle 3$  are vertical angles. So are  $\angle 2$  and  $\angle 4$ .

## Example

In the image given below, we can observe that AE and DC are two straight lines. Here,  $\angle$  DOE and  $\angle$ AOC are vertical angles.



## Find all the missing angles of each.

