

FINDING ADJACENT ANGLES

WORKSHEET – I

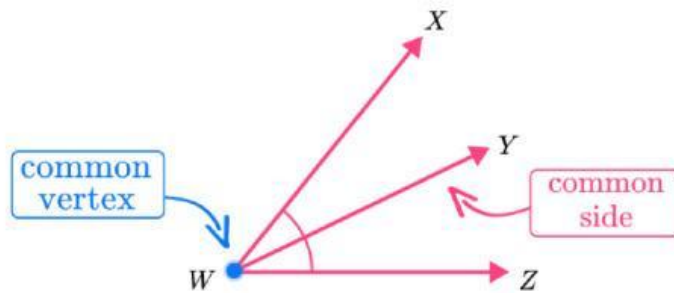
LET'S LEARN

WHAT ARE ADJACENT ANGLES ?

Adjacent angles are two angles that are **side by side** and share a **common vertex** and a common side.

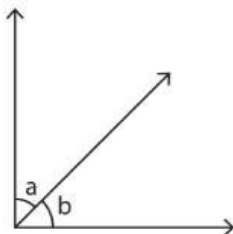
Since an angle is formed when two rays meet at a common endpoint, adjacent angles are simply two angles that are directly **next to each other**.

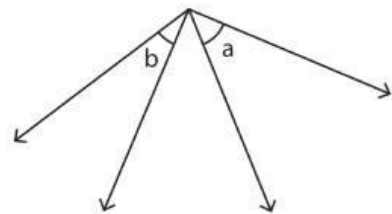
For example, in this diagram, angle XWY is adjacent to angle YWZ. They share a common vertex (W) and a common side (ray WY).

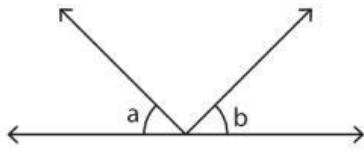


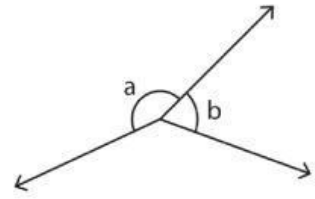
LET'S APPLY :

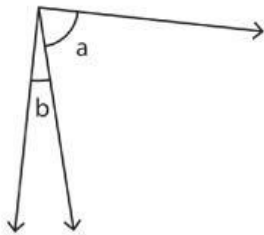
State whether the given angles are adjacent or not ?

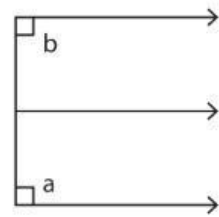


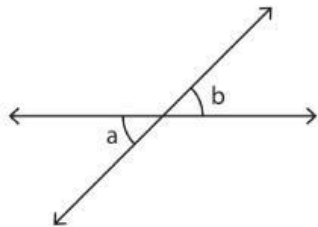


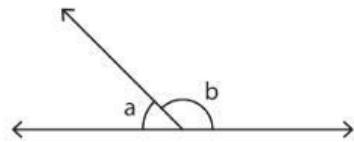


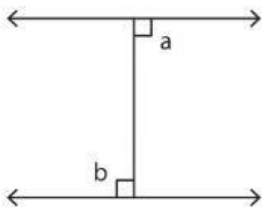


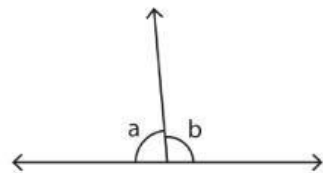






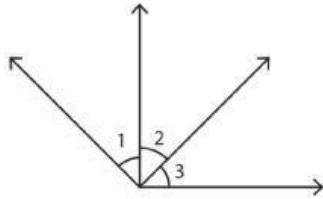




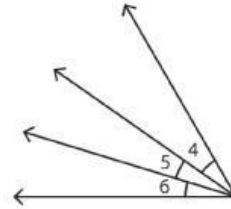


IDENTIFY TWO PAIR OF ADJACENT ANGLES IN EACH CASE :

First two have been done for you



Angle 1 and 2
Angle 2 and 3



Angle 6 and 5
Angle 5 and 4

