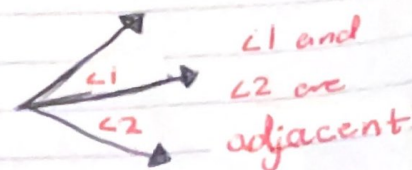
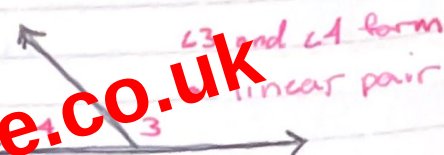


Pairs of Angles

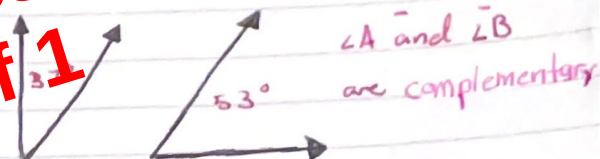
- **ADJACENT ANGLES** are two angles in the same plane with a common vertex and a common side, but no common interior points



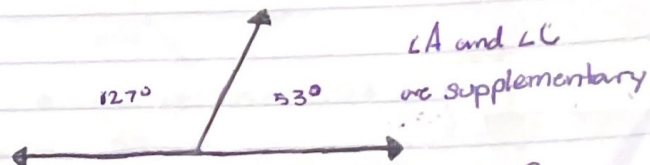
- A **LINEAR PAIR** of angles is a pair of adjacent angles whose noncommon sides are opposite rays. - can add up to 180°



- **COMPLEMENTARY ANGLES** are two angles whose sum is 90°



- **SUPPLEMENTARY ANGLES** are two angles whose measurements have the sum of 180°



p.s we can find the complement of an angle by subtracting $90 - x^\circ$ ex. $90 - 37 = 53$. Same thing with supplementary angles $180 - x^\circ$ ex. $180 - 53 = 127^\circ$.

- **VERTICAL ANGLES** are two nonadjacent angles formed by two intersecting lines.

