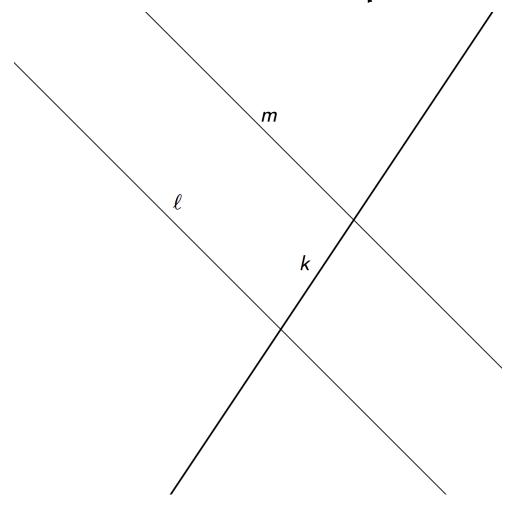
## **Transversals**

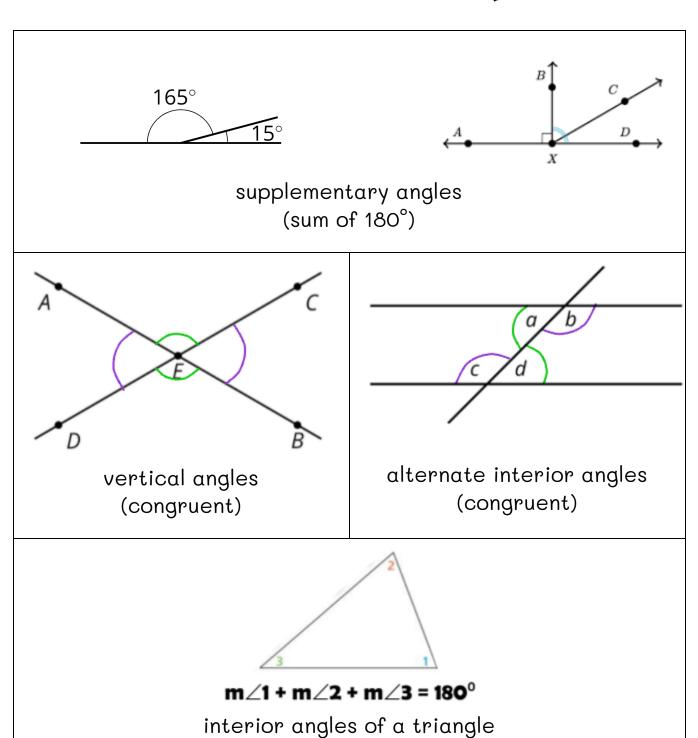
A transversal is a line that crosses parallel lines.



The diagram shows a transversal line k intersecting parallel lines l and m.

A transversal through a set of parallel lines gives us a lot of angle relationships to explore and determine congruence using rigid transformations!

## Angle Relationships



(sum of 180°)