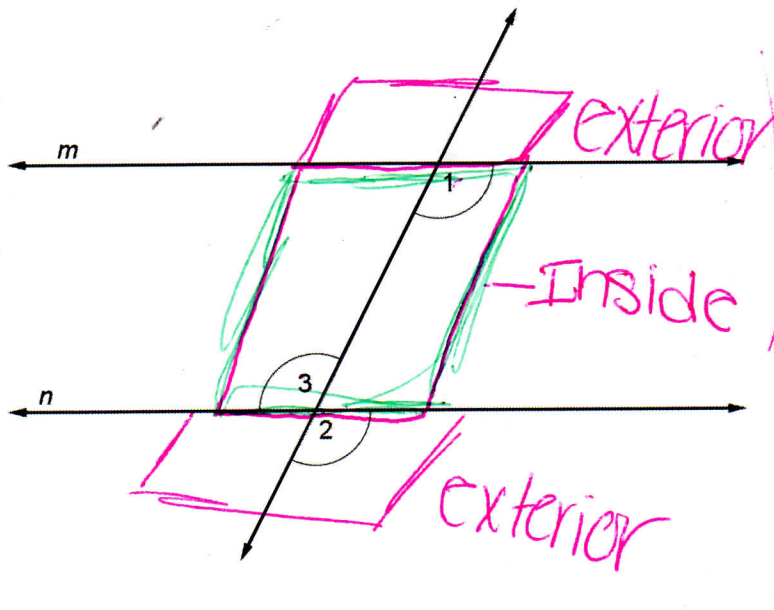


In the diagram below, lines m and n are parallel.

1. Describe the relationship between $\angle 1$ and $\angle 3$, and provide an informal justification of your description. You may add to the diagram if you want or use tracing paper or other supplies to support your explanation.



$\angle 1$ & $\angle 3$ are alternate interiors from each other they are inside the parallel lines!

2. Describe the relationship between $\angle 1$ and $\angle 2$, and provide an informal justification of your description.

$\angle 1$ & $\angle 2$ corresponding from each other they are still on the ~~same~~ same side but one inside and other is outside!