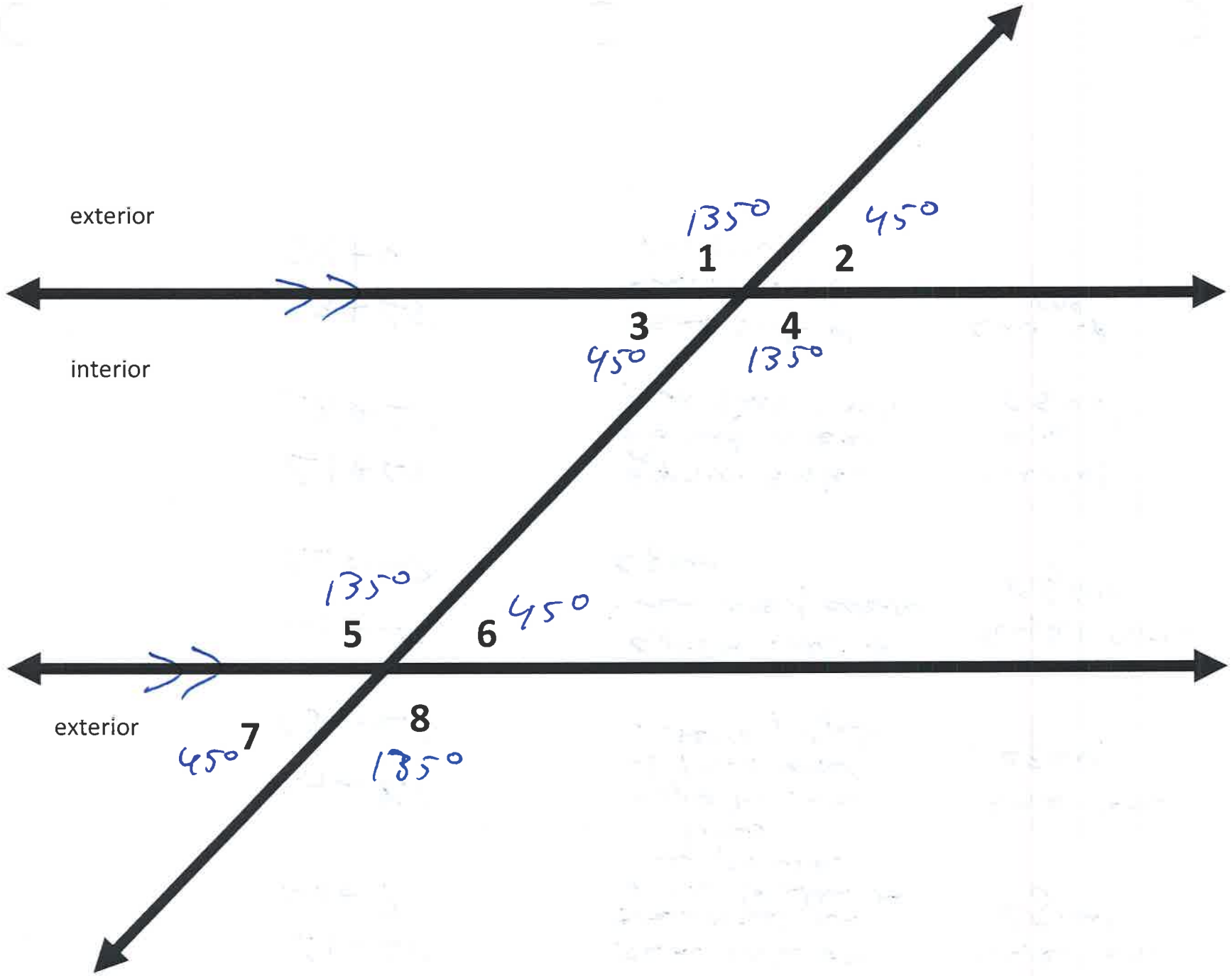
Names	Examples	Descriptions	Facts
Corresponding Angles	∠1 + ∠5 ∠3 + 7	Same side of transversal and same location to the parallel lines	angles are equal
Alternate Interior Angles	∠4 + ∠5 ∠3 + ∠6	opposite side of transversal, interior, equal	angles are equal
Alternate Exterior Angles	∠1 + ∠8 ∠2 + ∠7	opposite side of transversal, exterior, equal	angles are equal
Vertical Angles	∠1 + ∠4 ∠2 + ∠3	opposite angles formed where two lines cross	angles are equal
Consecutive Angles	∠3 + ∠5 ∠4 + 6	same side of transversal & interior	add up to 180°


exterior
1
2
3
4
interior
5
6
exterior
7
8
135°
45°
45°
135°
135°
45°
45°
135°