Name: _____

Parallel Lines & Transversals

Line *m* is parallel to line *n*. Tell if the angles are *corresponding*, *alternate interior*, *alternate exterior*, *consecutive interior*, or *none of these*.

∠1 and ∠5 _____

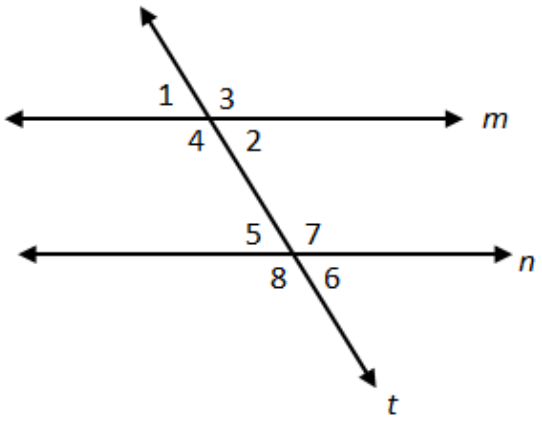
∠2 and ∠7 _____

∠3 and ∠5 _____

∠3 and ∠8 _____

∠4 and ∠7 _____

∠4 and ∠8 _____



Line *a* is parallel to line *b*. Line *c* is parallel to line *d*. Name the transversal for each angle pair. Then tell if the angles are *corresponding*, *alternate interior*, *alternate exterior*, *consecutive interior*, or *none of these*.

∠12 and ∠18 _____

∠20 and ∠21 _____

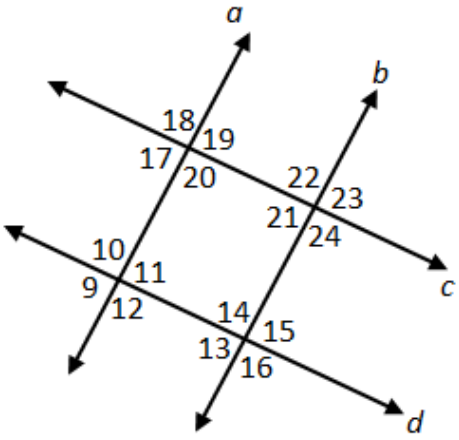
∠10 and ∠16 _____

∠13 and ∠21 _____

∠20 and ∠22 _____

∠11 and ∠17 _____

∠15 and ∠24 _____



Name: Key

Parallel Lines & Transversals

Line *m* is parallel to line *n*. Tell if the angles are *corresponding*, *alternate interior*, *alternate exterior*, *consecutive interior*, or *none of these*.

∠1 and ∠5 corresponding

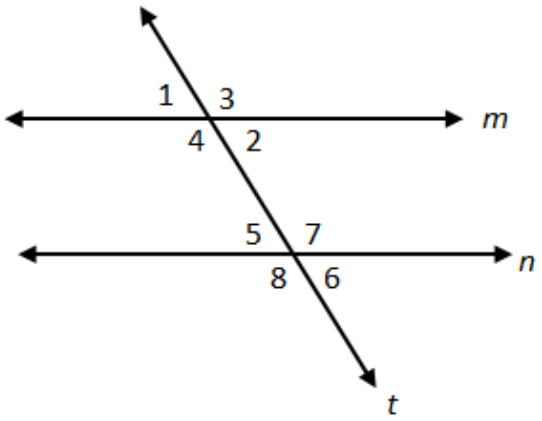
∠2 and ∠7 consecutive interior

∠3 and ∠5 none of these

∠3 and ∠8 alternate exterior

∠4 and ∠7 alternate interior

∠4 and ∠8 corresponding



Line *a* is parallel to line *b*. Line *c* is parallel to line *d*. Name the transversal for each angle pair. Then tell if the angles are *corresponding*, *alternate interior*, *alternate exterior*, *consecutive interior*, or *none of these*.

∠12 and ∠18 line *a*; alternate exterior

∠20 and ∠21 line *c*; consecutive interior

∠10 and ∠16 line *d*; alternate exterior

∠13 and ∠21 line *b*; corresponding

∠20 and ∠22 line *c*; alternate interior

∠11 and ∠17 line *a*; alternate interior

∠15 and ∠24 line *b*; consecutive interior