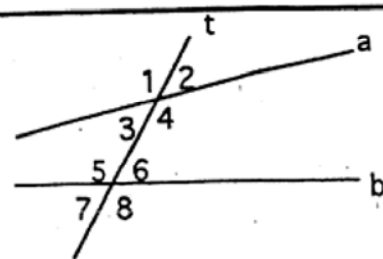


Two Lines Cut by Transversal

Lines a and b are cut by transversal t



1. How many angles are formed? _____
2. How many angles with different measures are formed? _____
3. List all pairs of angles that are vertical angles.
4. List all pairs of angles that are supplementary.

Angles between lines a and b are called interior angles.

5. List all interior angles

Angles not between lines a and b are called exterior angles.

6. List all exterior angles.

Angles on different sides of the transversal (that are not adjacent) are called alternate angles.

7. List all pairs of alternate interior angles.

8. List all pairs of alternate exterior angles.

Angles on the same side of the transversal (where one is interior and one is exterior and they are not adjacent) are called corresponding angles.

9. List all pairs of corresponding angles.

10. List all pairs of angles that are on the same side of the transversal and are interior (same-side interior angles).