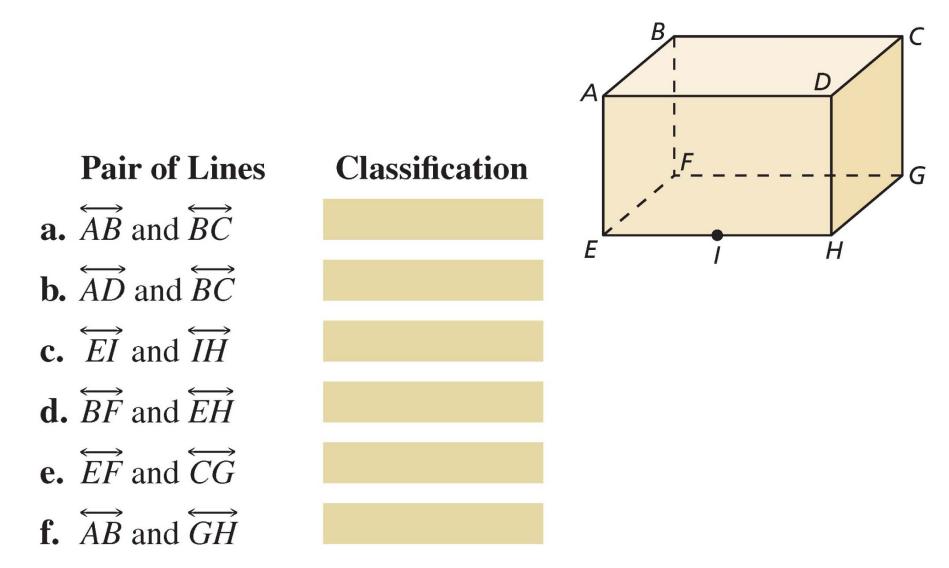
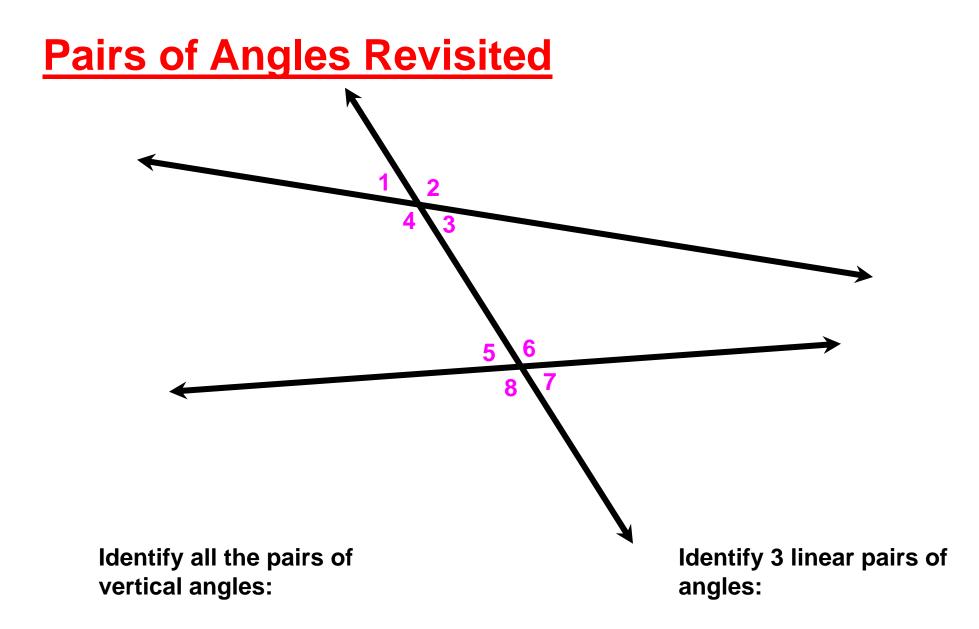


- Identify Lines and Planes
- Identify Parallel and Perpendicular Lines
- Identify pairs of angles formed by transversals

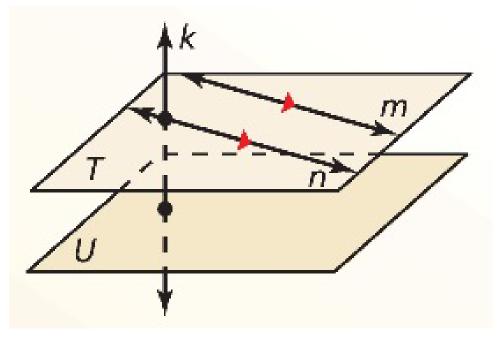
Pairs of Lines Revisited

Classify each of the following pairs of lines as parallel, intersecting, same line, or skew.





Bringing it together



Lines m and n are

Lines m and k are

Planes T and U are

Lines k and n are

Parallel and Perpendicular Lines

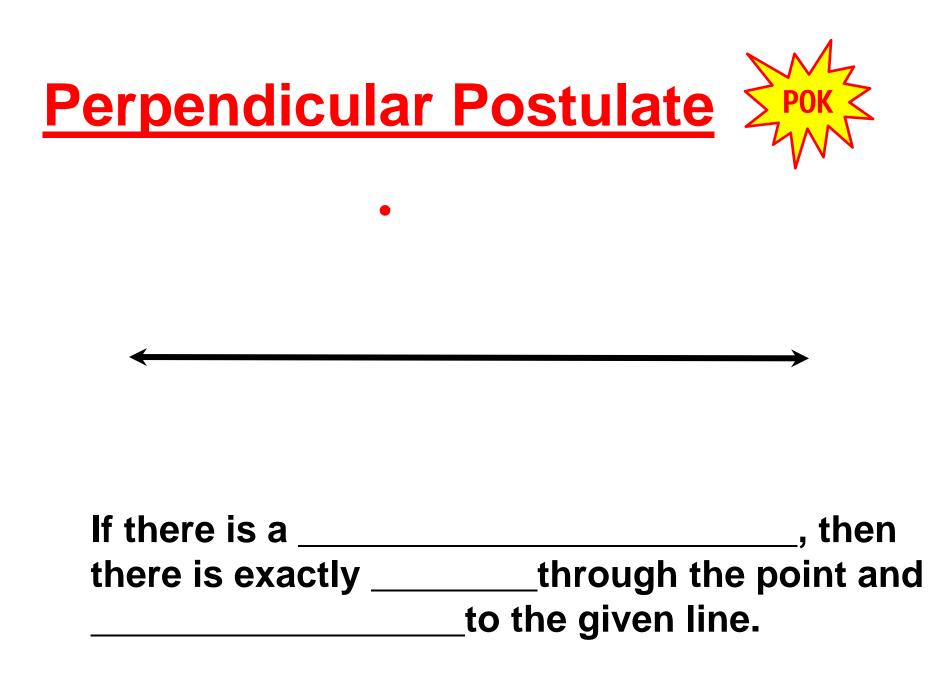
- This line and point are on the same plane.
- The point is not on the line.
- How many lines can go through the point and be parallel to the given line?
- Do we accept this as true? Can we prove it with previous knowledge?



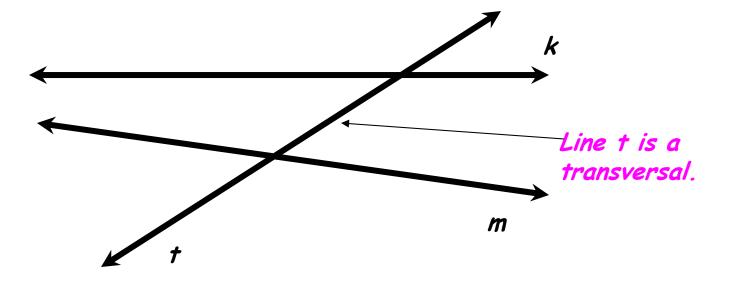
If there is a ______, then there is exactly _____through the point and ____to the given line.

Parallel and Perpendicular Lines

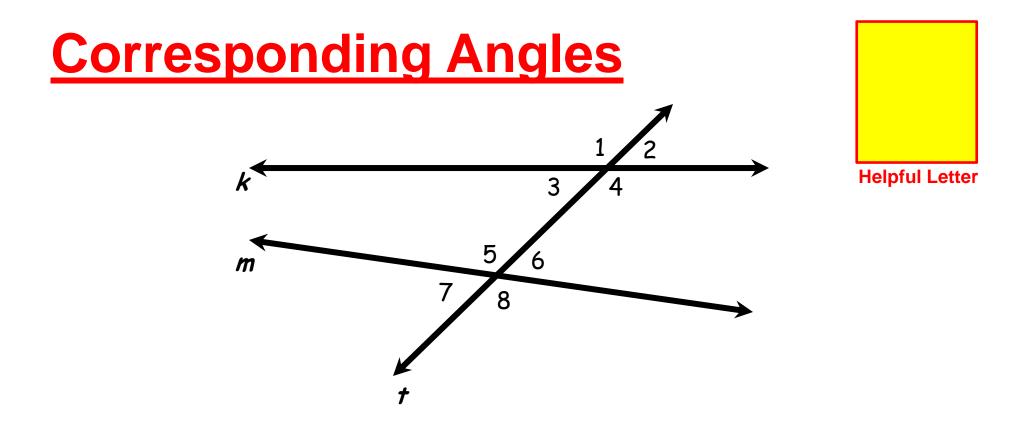
- This line and point are on the same plane.
- The point is not on the line.
- How many lines can go through the point and be perpendicular to the given line?
- Do we accept this as true? Can we prove it with previous knowledge?



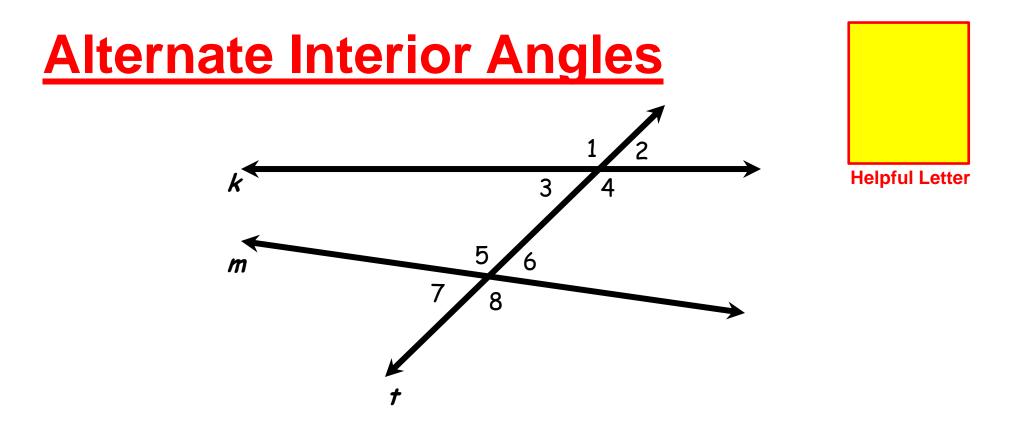
What is a transversal?



A line that ______two or more lines in different points.

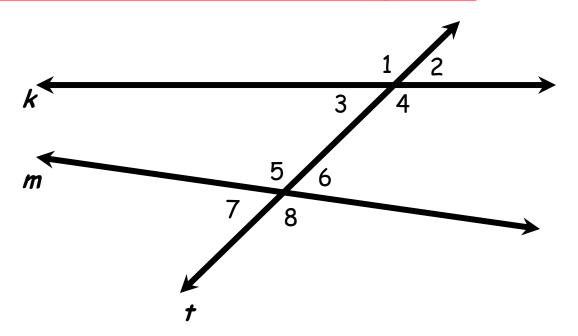


Corresponding angles lie on the ______of the transversal and in ______positions.

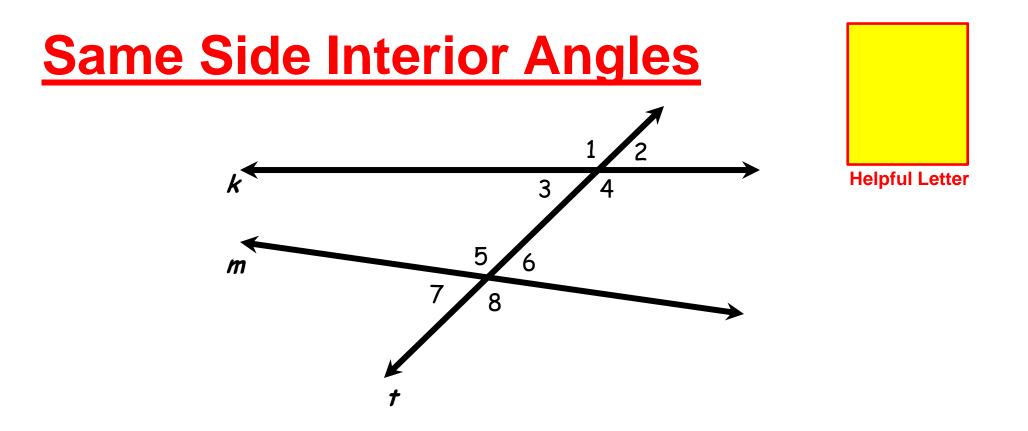


Alternate interior angles lie on the _____of the transversal. They are _____the two lines being crossed.

Alternate Exterior Angles



Alternate exterior angles lie on the ______ of the transversal. They are ______ the two lines being crossed.



Same Side Interior Angles lie on the _____of the transversal, and are ____the two lines being crossed. (Consecutive Int. Angles)