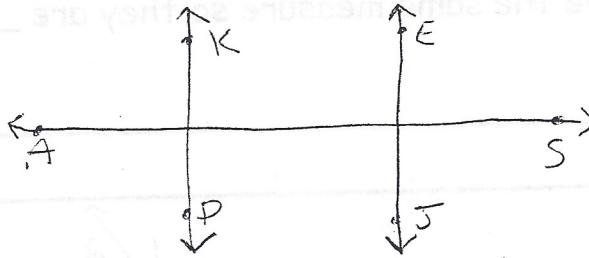
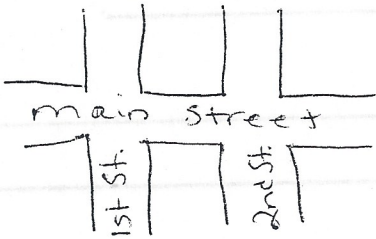


Perpendicular and Parallel Lines

If you have ever looked at a map of city streets, you will sometimes find that they follow a pattern.



There are often many streets parallel to each other and streets that run perpendicular to them.

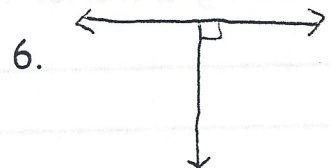
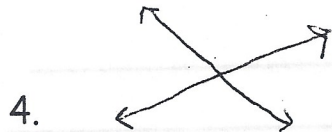
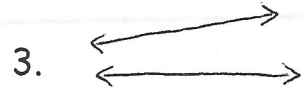
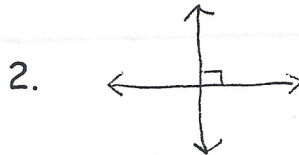
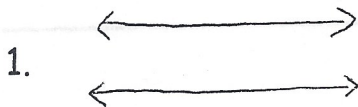
Parallel lines are _____

_____ The symbol _____ indicates parallel lines.

Perpendicular lines are _____

_____ The symbol _____ indicates perpendicular lines.

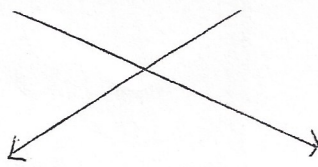
Determine if the lines are perpendicular, parallel, or neither:



Special Angles:

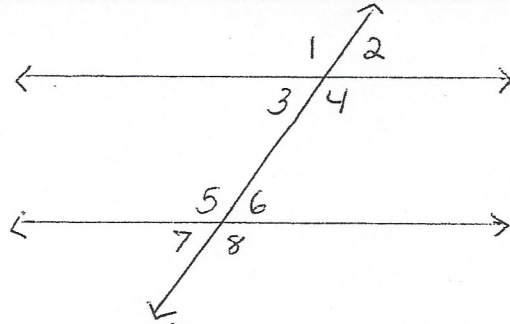
Whenever two lines intersect, two pairs of _____ angles are formed.

Vertical angles are _____



Vertical angles have the same measure so they are _____.

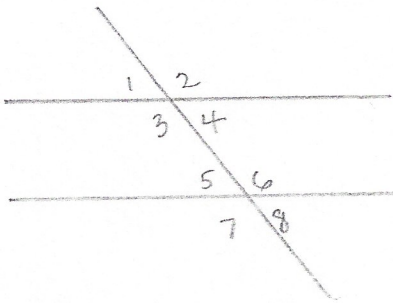
A transversal is a _____



When a transversal intersects two lines, _____ angles are formed.

Practice:

1)



Name 2 sets of vertical angles

- 1) _____ & _____
- 2) _____ & _____

Name 2 pairs of adjacent angles

- 1) _____ & _____
- 2) _____ & _____

Name 2 pairs of non-adjacent angles.

- 1) _____ & _____
- 2) _____ & _____