Vocabulary: Constructing Parallel and
Perpendicular Lines



**Vocabulary**

* Construction – a drawing of a figure made using only a compass and a straightedge.
* Parallel lines – lines that lie in the same plane and never intersect.

***A***

***B***

***D***

***C***

* Parallel lines are always the same distance apart.
* The symbol || means “is parallel to.”
* For example, in the figure shown to the right,  and  lie in the same plane and never intersect, so  || .
* Perpendicular lines – lines that intersect at right angles.

***X***

***Z***

***W***

***Y***

* + The symbol ⊥ means “is perpendicular to.”
* For example, in the figure shown to the right,  and intersect at right angles, so  ⊥ .