

Slopes of Parallel/Perpendicular Lines Postulates.

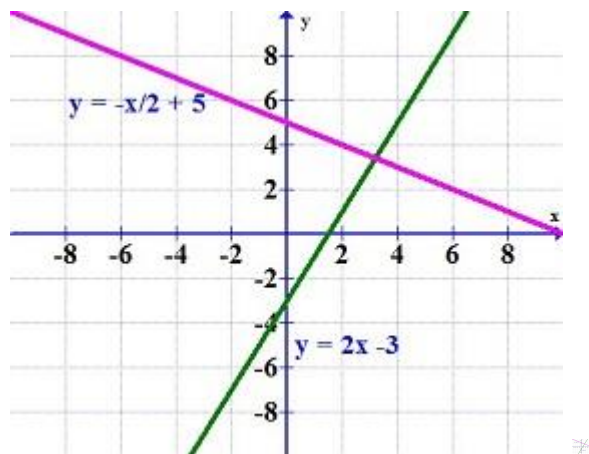
Slopes of Parallel lines postulate: **parallel lines that have the same slope.**

Slopes of perpendicular lines postulate: **Perpendicular lines have opposite recipricol slopes.**

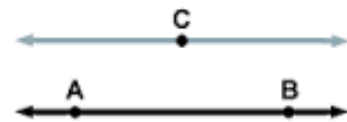
Important in Real Life: Parallel lines are not important to learn only for mathamatics, but they are also used in a future job you might have. For examples Architects use this when designing airports, railways, bridges, buildings and more geometric components. This will also help when you construct objects.

Diagram.

Perpendicular lines postulate



Parallel lines Postulate



Real world Picture:

Slopes of Perpendicular lines postulate: Perpendicular lines that have opposite reciprical slopes.