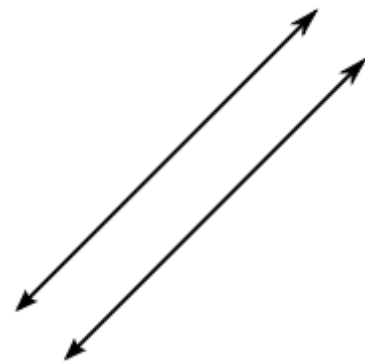


Meaning of a Postulate

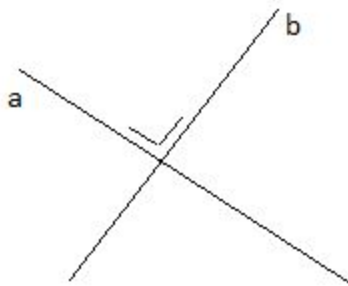
A statement which is considered true without proof.

Meaning of a Parallel Line



-Lines that will never intersect/touch each other at any point.

Meaning of a Perpendicular Line



- Lines that will meet or already met at one point

Parallel Postulate

If there is a line and a point is not present on the line, then there is one line going through the point parallel to the given line

Perpendicular Postulate

If there is a line and a point not on the line, then there is exactly one line through the point perpendicular to the given line.

This is useful in the real life, architects use and so do construction workers. Street workers use it if they don't want streets to intersect. Sport arenas use it also.

Video

<http://www.teachertube.com/video/perpendicular-line-postulate-230645>

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