

## Geometry Cheat Sheet by ryanagnos01 via cheatography.com/51096/cs/14022/

Angles	
Acute	Less than 90°
Right	Exactly 90°
Obtuse	More than 90° but less than 180°
Complementar y	Angles that add up to 90°
Supplementary	Angles that add up to 180°
Straight	Line that forms 180°
Collinear Points	Points that lie on the same line
Coplanar Points	Points that lie in the same

Distance Form	ula
distance =	$\sqrt{(x_2-x_1)^2+(y_2-y_1)^2}$

## Slope Formula $slope = \frac{y_2 - y_1}{x_2 - x_1} \text{ where } x_2 \neq x_1$

Midpoint Formula	
midpoint =	$\left(\frac{x_i+x_2}{2},\frac{y_i+y_2}{2}\right)$



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