

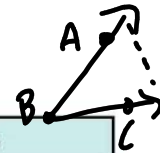
Geometry CC – Unit 1
Lesson 1: Basic Geometric Symbols

Name: _____
Date: _____

Let's look at some Geometric Symbols and how we interpret them!

∠
△

Geometric Symbol	Interpretation	Example
∠ or ∠ or ∠	Angle	∠ ABC
△ or △	Triangle	△ DEF
capital letter	Point	point A
↔	Line	↔ AB
—	Line Segment	CD or EF
→ or ←	Ray	AB or CD
	Parallel	AB CD
⊥	Perpendicular	AB ⊥ CD
≅	Congruent	AB ≅ CD
~	Similar	△ ABC ~ △ DEF



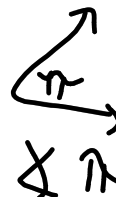
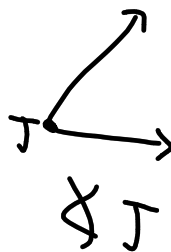
2=2
2≅2



Angles!



<p>∠ABC or ∠CBA Angles are labeled by specifying 3 points, with the center point being the vertex of the angle. This angle is NOT ∠BAC.</p>	<p>∠A Angles may be labeled with a single letter at the vertex, as long as it is perfectly clear that there is only one angle at this vertex.</p>	<p>∠a and ∠θ Angles may be represented by a single lower case letter or by a Greek letter, as long as it is clear which angle is being referenced.</p>	<p>∠1 and ∠2 Angles may also be represented by numbers, as long as it is clear to which angle the number applies.</p>
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NOT
DRAWN
TO
SCALE