Cornell Notes	Name:		Date:
		7.3	
Main Ideas/Questions			Proving Similar Triangles
	Three Postul 1. AA (Angle	re similar if and online the corresponding and the corresponding a	ly if the corresponding sides are in angles are congruent. E Triangles are Similar agles of one triangle are congruent
	to two ang	les of another tria	ngle, the triangles are similar. E If: $\angle A \cong \angle D$ $\angle B \cong \angle E$ Then: $\triangle ABC - \triangle DEF$ Similar.
	AA Practice: Give		he triangles are similar by AA
	b) 23	$m \angle B = m \angle$ si_{∞}	E ilar by AA RSR ~ DUST

Cornell Notes	Name:	Date:	
Main Ideas/Questions	Title of Notes: Cont'd		
AB 4 82 - 5 - 1 AC 78 - 1	Ex. The measures of the sides of ΔXYZ are 16, 2 3. SAS (Side Angle Side) If the corresponding angle of sides including these angle similar.	If the three sets of corresponding sides of rtion, the triangles are similar. If: $\frac{AB}{DE} = \frac{AC}{DF} = \frac{BC}{EF}$ Then: $\triangle ABC \sim \triangle DEF$ C AABC are 4, 5 and 7, and the measures of the 20, and 28. Are the two triangles similar? ABC \to DABC \to DAB	

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