Pop Quiz. Get out a scrap sheet of paper.		
Matching! Match the correct description with each definition.		
1. Point of concurrency of the medians of a $\Delta$ .	A. Median	
2. Point of concurrency of the altitudes of a $\Delta$ .	B. Orthocenter	
3. A segment from the vertex to the midpoint of the opposite side.	C. Altitude	
	D. Centroid	
4. A $\perp$ segment from the vertex to the opposite side.		

Pop Quiz. Get out a scrap sheet of paper.	
Matching! Match the correct description with each definition.	
1. Point of concurrency of the medians of a $\Delta$ .	A. Altitude
2. Point of concurrency of the altitudes of a $\Delta$ .	B. Median
	C. Centroid
3. A segment from the vertex to the midpoint of the opposite side.	D. Orthocenter
4. A $\perp$ segment from the vertex to the opposite side.	



## Geometry 5.6 Inequalities in Two Triangles and Indirect Proof Standard(s): 7

## Vocabulary:

- 1. Indirect Proof (proof by contradiction):
  - 1) Assume temporarily what you want to prove is false.
  - 2) Reason logically until you reach a contradiction.

3) Point out that the desired conclusion must be true because the contradiction proves the temporary assumption false.















## Worksheet 5.6B

