## **Finding Congruent Triangles**

1.	
Solomon says:	I have drawn a triangle. It has one angle of 30° and another angle of 40°. Adeline, you draw a triangle with the same two properties.
Adeline says:	My triangle will be congruent to yours, because <i>all</i> triangles that have those two properties must be congruent.
ls Adeline correct t	to say that all triangles with these two properties must be congruent?
Explain your answer	
2.	
Ernie says:	I have drawn a triangle. It has one right angle and one side is 1 inch long. Suzie, you draw a triangle with the same two properties.
Suzie says:	My triangle will be congruent to yours, because <i>all</i> triangles that have those two properties must be congruent.
Is Suzie correct to	say all triangles with these two properties must be congruent?
Explain your answer	

3.	
Burt says:	I have drawn a triangle. One side is 2" long, and it has angles of 50° and 30°. Wally, you draw a triangle with the same two properties.
Wally says:	My triangle will be congruent to yours, because <i>all</i> triangles that have those three properties must be congruent.
Is Wally correct to	say that all triangles with these three properties must be congruent?
Explain your answe	er.