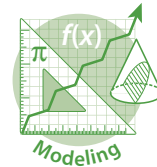


Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Conceptual Task: Decoration Dilemma

Antonio came into school to help Morgan with decorations for a dance. Morgan told Antonio, "I have made a triangle. It has one angle of  $90^\circ$  and one side of 3 inches long. Antonio, you can help me by making a congruent triangle with the same two properties." Antonio told Morgan that it would be easy to do that because "all triangles with those same properties are congruent." Is Antonio correct in saying all triangles with these two properties are congruent? Justify your answer by using mathematical models.



SMP	
1 ✓	2
3 ✓	4
5	6
7	8 ✓

