Similarity Review

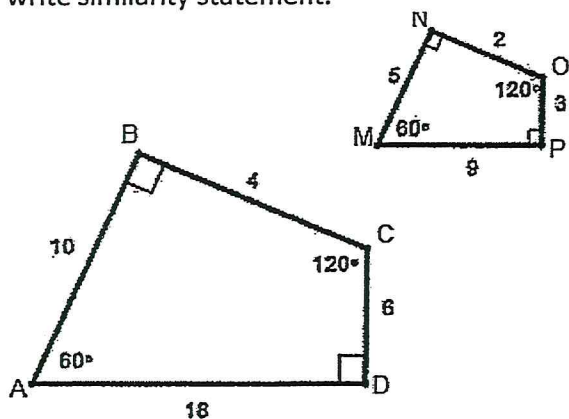| I can write a ratio.	I can write a proportion.
The Learning Tower of Pisa in Italy is about 185 ft tall. A model of the Leaning Tower in 6 in tall. What is the ratio of the height of the model to the height of real tower?	The scale of a map is 1 in = 40 mi. Write a proportion to find the distance in miles if the distance on the map is 3.5 in.
I can solve a proportion $$\frac{2x-1}{x} = \frac{x+1}{3}$$	I can solve a proportion $$\frac{18}{n+6} = \frac{6}{n}$$
I can determine and explain if polygons are similar. Prove that the following quadrilaterals are similar and write similarity statement.	I can use similar figures properties to solve for a variable or missing side. The two trapezoids are similar. Write a similarity statement and find the value of x and y.

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