## 5-7 Similar Figures and Proportions

p. 300 3-12-18

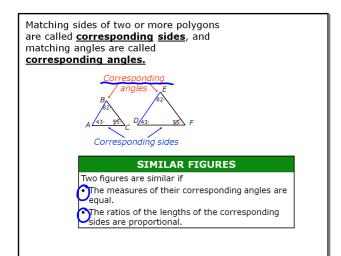
Mar 14-10:54 AM

Octahedral fluorite is a crystal found in nature. It grows in the shape of an octahedron, which is a solld figure with eight triangular faces. The triangles in different-sized fluorite crystals are similar figures. Similar figures have the same shape but not necessarily the same size.

Writing Math

When naming similar figures, list the letters of the corresponding vertices in the same order. In the previous table ΔΑΒC ΔΔΕΕ.

Mar 14-10:56 AM



Mar 14-10:56 AM

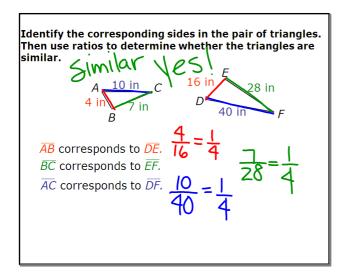
## **Reading Math**

A side of a figure can be named by its endpoints, with a bar above.

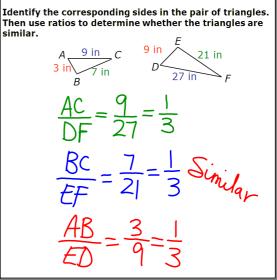
AΒ

Without the bar, the letters indicate the *length* of the side.

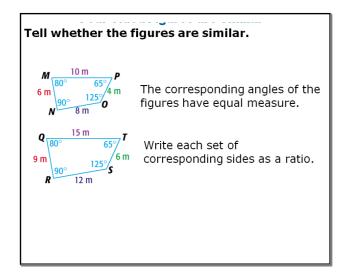
Mar 14-10:58 AM



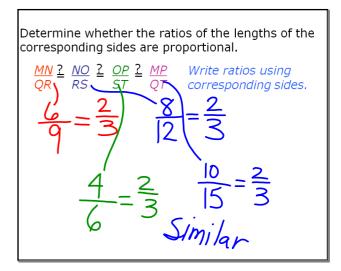
Mar 14-10:58 AM



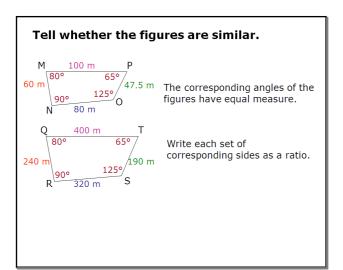
Mar 14-10:59 AM



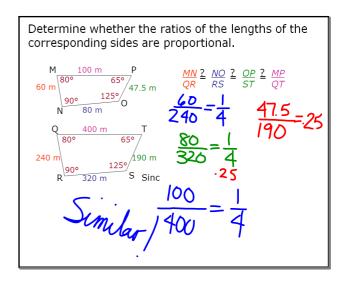
Mar 14-10:59 AM



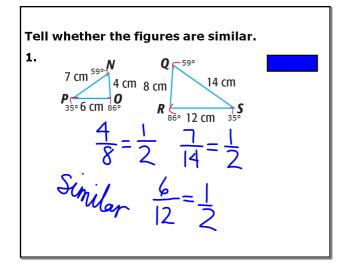
Mar 14-11:00 AM

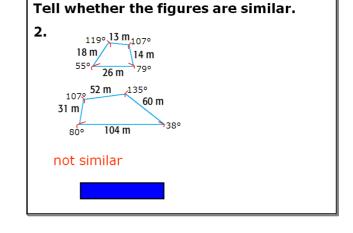


Mar 14-11:00 AM



Mar 14-11:00 AM





Mar 14-11:01 AM Mar 14-11:02 AM

2