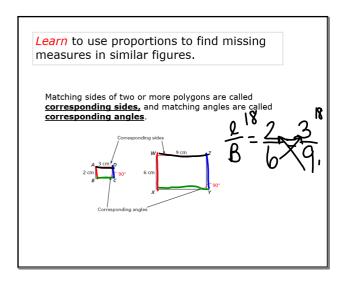
7.4 Similar Figures

Pg. 366 4/19/18

Apr 11-10:52 AM



Apr 11-10:52 AM

Similar figures have the same shape but not necessarily the same size.

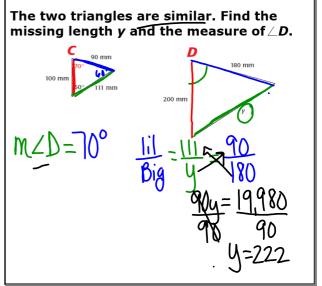
Similar Figures

Two figures are similar if

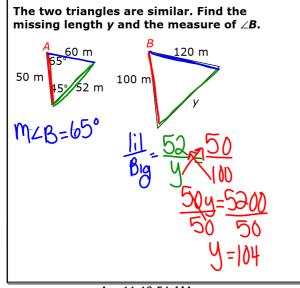
- the measures of the corresponding angles are equal
- the ratios of the lengths of the corresponding sides are proportional



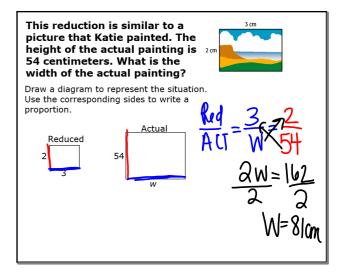
Apr 11-10:53 AM



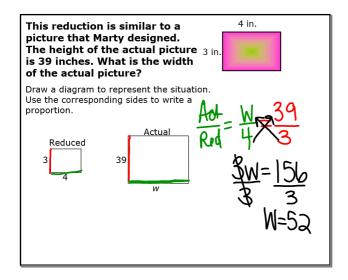
Apr 11-10:53 AM



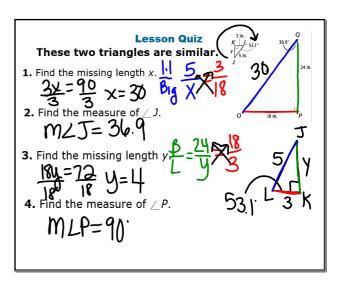
Apr 11-10:54 AM



Apr 11-10:55 AM

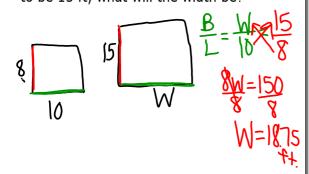


Apr 11-10:56 AM



Apr 11-10:57 AM

5. Susan is making a wood deck from plans for an 8 ft by 10 ft deck. However, she is going to increase its size proportionally. If the length is to be 15 ft, what will the width be?



Apr 11-10:59 AM



Apr 25-8:44 AM