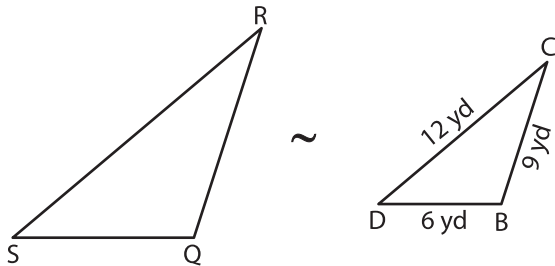


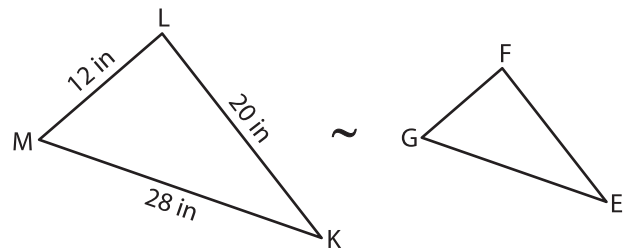
Name : \_\_\_\_\_

# Similar Triangles - Finding Sides

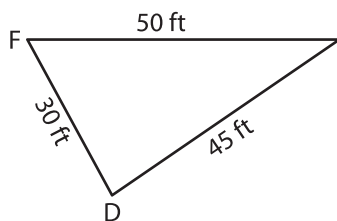
- 1) Scale factor of  $\triangle QRS$  to  $\triangle ABCD$  is 7 : 3. Find the sides of  $\triangle QRS$ .



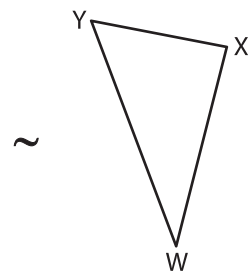
- 2) Scale factor of  $\triangle EFG$  to  $\triangle KLM$  is 1 : 4. Find the sides of  $\triangle EFG$ .



- 3) Scale factor of  $\triangle PQR$  to  $\triangle WXY$  is 8 : 7. Find the sides of  $\triangle PQR$ .



- 4) Scale factor of  $\triangle PQR$  to  $\triangle WXY$  is 8 : 7. Find the sides of  $\triangle WXY$ .



- 5) The scale factor of similar triangles  $\triangle ABC$  to  $\triangle XYZ$  is 4 : 3. If  $AB = 20$  ft,  $BC = 36$  ft and  $CA = 24$  ft, determine the sides of the triangle  $XYZ$ .

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