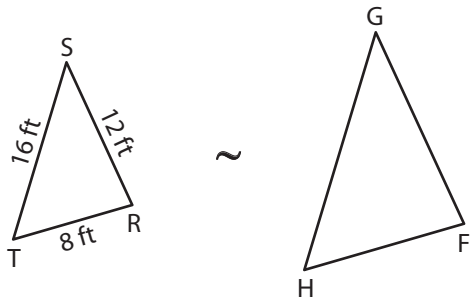
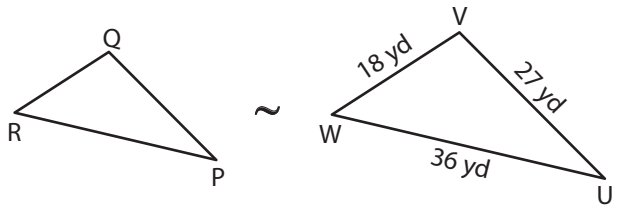
Name : _____

Similar Triangles - Finding Sides

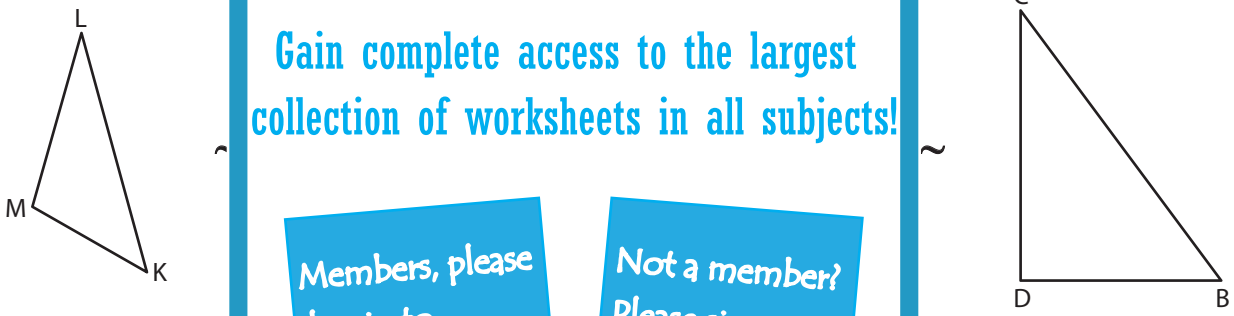
1) Scale factor of ΔRST to ΔFGH is 4 : 5. Find the sides of ΔFGH.



2) Scale factor of ΔPQR to ΔUVW is 2 : 9. Find the sides of ΔPQR.



3) Scale factor of ΔKLM t... WX to ΔBCD is 3 : 4. Find the sides of ΔKLM.



5) The scale factor of sim... 45 yd and ST = 35 yd, determine the sides of...

6) The scale factor of similar triangles ΔUVW to ΔLMN is 8 : 3. If UV = 32 in, VW = 56 in and WU = 80 in, find the sides of the triangle LMN.

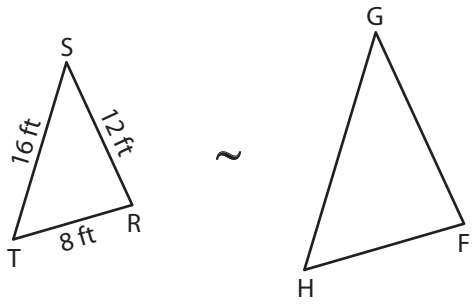
Name : _____

Answer key

Sheet 2

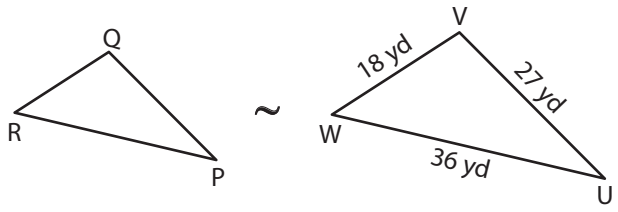
Similar Triangles - Finding Sides

1) Scale factor of ΔRST to ΔFGH is 4 : 5. Find the sides of ΔFGH.



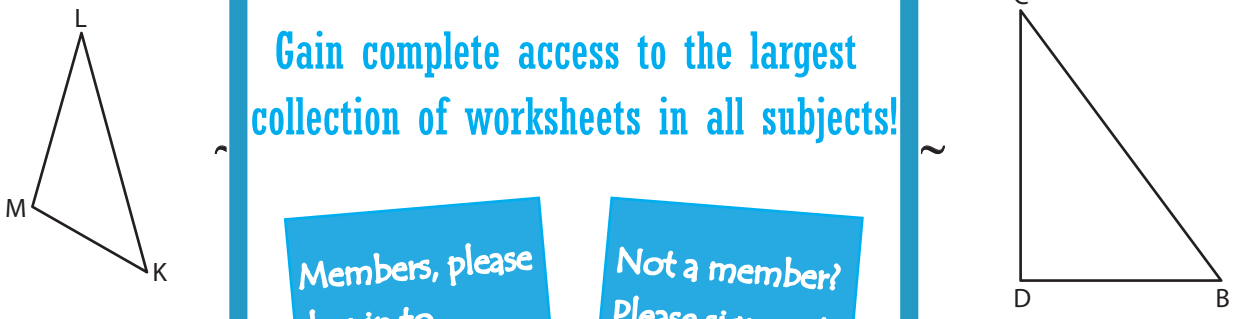
FG = 15 ft ; GH =

2) Scale factor of ΔPQR to ΔUVW is 2 : 9. Find the sides of ΔPQR.



R = 4 yd ; RP = 8 yd

3) Scale factor of ΔKLM t… WX to ΔBCD is 3 : 4. Find the sides of ΔKLM.



KL = 42 in ; LM = 3…

D = 24 ft ; DB = 20 ft

5) The scale factor of sim… 45 yd and ST = 35 yd, determine the sides of…

JK = 42 yd ; KL = 48 yd ; LJ = 54 yd

6) The scale factor of similar triangles ΔUVW to ΔLMN is 8 : 3. If UV = 32 in, VW = 56 in and WU = 80 in, find the sides of the triangle LMN.

LM = 12 in ; MN = 21 in ; NL = 30 in