5) The scale factor of similar triangles $\triangle STU$ to $\triangle DEF$ is $3 : 5$. If $ST = 6$ ft, $TU = 12$ ft and $US = 15$ ft, find the sides of $\triangle DEF$.

6) The scale factor of similar triangles $\triangle VWX$ to $\triangle CDE$ is $7 : 4$. If $CD = 8$ yd, $EC = 16$ yd and $DE = 12$ yd, determine the sides of the triangle $\triangle VWX$. 
1) Scale factor of \( \triangle ABC \) to \( \triangle PQR \) is 1 : 2. Find the sides of \( \triangle ABC \).

2) Scale factor of \( \triangle FGH \) to \( \triangle JKL \) is 5 : 3. Find the sides of \( \triangle JKL \).

3) Scale factor of \( \triangle KLM \) to \( \triangle BCD \) is 3 : 2. Find the sides of \( \triangle BCD \).

4) Scale factor of \( \triangle XYZ \) to \( \triangle QRS \) is 6 : 1. Find the sides of \( \triangle XYZ \).

5) The scale factor of similar triangles \( \triangle STU \) to \( \triangle DEF \) is 3 : 5. If \( ST = 6 \text{ ft} \), \( TU = 12 \text{ ft} \) and \( US = 15 \text{ ft} \), find the sides of \( \triangle DEF \).

6) The scale factor of similar triangles \( \triangle VWX \) to \( \triangle CDE \) is 7 : 4. If \( CD = 8 \text{ yd} \), \( EC = 16 \text{ yd} \) and \( DE = 12 \text{ yd} \), determine the sides of the triangle \( \triangle VWX \).

\[ VW = 14 \text{ yd} \; \; \; WX = 21 \text{ yd} \; \; \; XV = 28 \text{ yd} \]