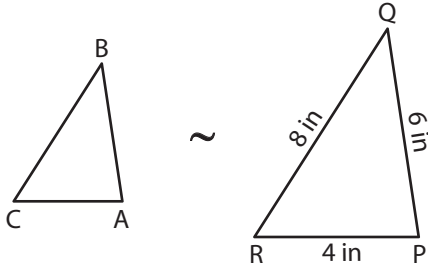


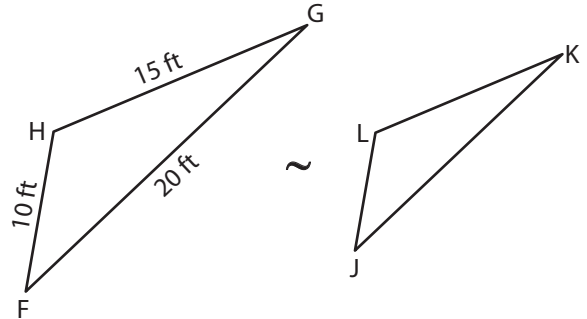
Name : _____

Similar Triangles - Finding Sides

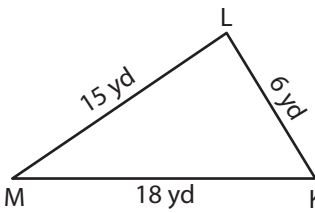
1) Scale factor of $\triangle ABC$ to $\triangle PQR$ is 1 : 2. Find the sides of $\triangle ABC$.



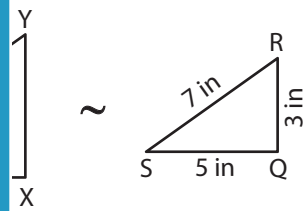
2) Scale factor of $\triangle FGH$ to $\triangle JKL$ is 5 : 3. Find the sides of $\triangle JKL$.



3) Scale factor of $\triangle KLM$ to $\triangle QRS$ is 6 : 1. Find the sides of $\triangle QRS$.



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 $\triangle VWX$ to $\triangle CDE$ is 7 : 4. If $CD = 8$ yd, $EC = 16$ yd and $DE = 12$ yd, determine the sides of the triangle VWX .

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 VWX .

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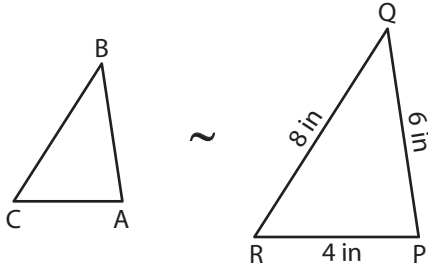
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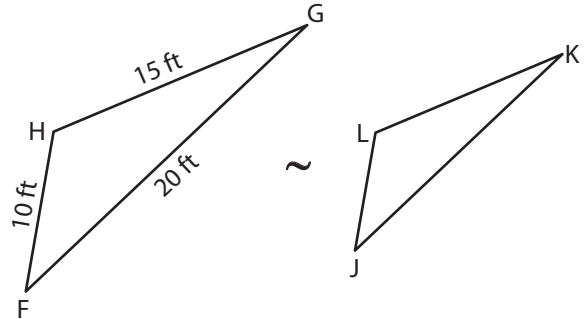
Similar Triangles - Finding Sides

- 1) Scale factor of $\triangle ABC$ to $\triangle PQR$ is 1 : 2. Find the sides of $\triangle ABC$.



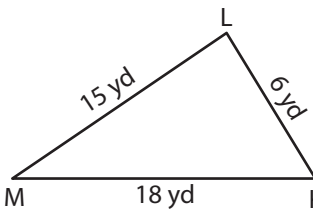
$AB = 3 \text{ in} ; BC = 6 \text{ in}$

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



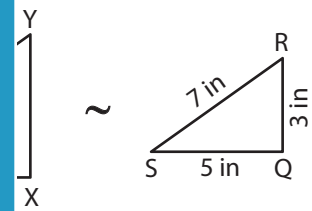
$KL = 9 \text{ ft} ; LJ = 6 \text{ ft}$

- 3) Scale factor of $\triangle KLM$ to $\triangle QRS$ is 6 : 1. Find the sides of $\triangle QRS$.



$BC = 4 \text{ yd} ; CD = 1 \text{ yd}$

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



$Z = 42 \text{ in} ; ZX = 30 \text{ in}$

- 5) 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 VWX .

- 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 VWX .

$DE = 10 \text{ ft} ; EF = 20 \text{ ft} ; FD = 25 \text{ ft}$

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

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